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Summary

As Staff Engineer / Principal Engineer at Dirayaah, I utilize my leadership skills to guide a team of proficient engineers. Together, we construct and maintain modern solutions centered around the specific needs of the education sector. This role draws heavily on my more than a decade of full-stack software engineering experience and expertise in Next.js, React.js, Node.js, Tailwind, Postgres, Mongo, Redis, AWS, GWS, Docker, TypeScript, and SCSS.

Creating solutions that meet the business objectives of our clients and stakeholders is a personal passion. I firmly believe in upholding high-quality standards, implementing industry best practices, and ensuring user satisfaction, priding myself on developing software that not only meets expectations but also exceeds them.

In addition to my duties at Dirayaah, I also serve as Talent at Toptal, an exclusive network of high-achieving freelance professionals. At Toptal, I enjoy the opportunity to collaborate with other industry experts on a diverse range of challenging projects, constantly pushing the boundaries of my expertise.

A lifelong learner, I continually strive to stay updated on new technologies. I leverage my knowledge to mentor junior developers and take pleasure in gamifying the work environment to promote a productive team spirit. My satisfaction comes from seeing a project through to its successful completion and knowing that our team's work is making a significant impact in the educational sector.

Experience

🔹 Talent - Job Board - Freelance (Remote)

Toptal

Sep 2022 - Present (1 year 6 months)

In very simple words which can't capture the whole beauty of this platform: Toptal works as a job board where its talent is extremely talented, vetted, screened, and tested for elite and corporate clients.

As a Technical Talent at Toptal, skilled in JavaScript, I've excelled in multiple roles with various clients. Particularly noteworthy was my position as a Staff Engineer, wherein I utilized my extensive JavaScript prowess to deliver quality solutions. My commitment to excellence and problem-solving aptitude prove invaluable to clients navigating complex engineering challenges.

Team size: 25+

Projects: LMS, Fintech, Insurance, Maps

Skills: JavaScript, TypeScript, React, Google Maps, AWS, GWS, Azure, Docker, Git, Jira, Node, Next, Nest, Express, Elastic, Analytics, Stripe

🔹 Principal Software Engineer - PT Contract (Remote)

Dirayaah

May 2022 - Present (1 year 10 months)

- Spearheaded the recruitment and administration of grade-A engineering talent; proficiently handled every recruitment phase, from meticulous selection to engrossing orientation to extensive training programs.
- Engineered and implemented sturdy infrastructure ensuring industry standards; adapting to alterations and assimilating novice features in accordance with existing protocols.
- Coordinated with scrum, product, and project managers for strategic future planning, backlog prioritization, and harmonious team synchronization.
- Actively participated in building, upgrading, and maintaining development frameworks through design and coding efforts.
- Amplified team capabilities and innovation by scheduling regular coding sessions and check-ins as part of growth strategies.
- Instituted firm QA and CI frameworks to certify application production and industrial usage.
- Endeavored customer-focused strategy for prioritizing tasks, ensuring the development of faultless and feature-packed applications.

Team Size: 10+

Projects: ZidoWorld (EduTech), Sira (CMS), Nebough (FinTech), Majaalis (LMS)

Skills: React Native, Bash, SaaS, Project Management, Team Leadership. Jira, Game Development, React Native, TypeScript, React.js, Node.js, AWS, Kubernetes, and Azure, Sentry, CI/CD



Principal Engineer - PT Contract (Remote)

Jewel Digital Ventures

Feb 2023 - Jun 2023 (5 months)

As a Principal Engineer for Jewel Digital Venture (JDV), a subsidiary of PNSB in Malaysia, I significantly reformed practices and introduced groundbreaking technological strategies over a few months. Catering to the competitive fintech world, my role involved revamping established procedures to optimize efficiency, leveraging JavaScript and TypeScript expertise, and introducing the progressive Node.js framework - NestJS which fostered flexibility and productivity in the team. I orchestrated an environment leading to the invention of several groundbreaking products and processes.

I've also made a bunch of slack API apps, / slash commands for interactive and quick ease, from simple bots and notifications, report and status tools, to full-fledge crud based on popups, and threads.

Team size: 10+

Projects: AutoLabur (FinTech - banking Investments), PlugNPlay AI (Modular AI-based CMS)

My skills comprise JavaScript, TypeScript, NestJS, ReactJS, Redux, NodeJS, Express.js, jQuery, MongoDB, PostgreSQL, Redis, AWS, Docker, and Git.

Reason To Leave: Rushed Hired, Unclear Role, management inability on onboard during overdue deadlines



Engineering Manager - PT Contract (Remote)

Hotel Engine

Mar 2022 - Feb 2023 (1 year)

- As a Hands-on Engineering Manager, directed the recruitment, screening, integration, and training processes for engineering talent, reinforcing a high-caliber workforce.
- Developed and maintained rigorous systems to sustain industrial standards by welcoming alterations and assimilating upcoming features, aligned with standardized protocols.

- Strategized with Scrum, Product, and Project managers for roadmap planning and backlog arrangements, optimizing talent utilization and inter-departmental coordination.
- Participated actively in setting up and maintaining build frameworks; Coding for enhancements while assuring effective QA and CI processes.
- Fostered team expansion and knowledge enrichment through regular code jams and check-ins, simultaneously regulating talent experiences for optimal work-life equilibrium.
- Ensured top-notch customer satisfaction by implementing and supervising error-tracking technologies for cross-platform applications.
- Actively take part in the contribution and development of applications, systems, and new integrations on low level

Team Size: 20+

Projects: HotelEngine Internal Integrations for better prices and checkouts (3+ projects)

Skills: React Native, Bash, SaaS, Team Lead. Project Management. React Native, TypeScript, React.js, Node.js, AWS, Kubernetes, and Azure. CQRS. Agile, Socket.io, Express, Soap API,

Reason To Leave: Covid Laid Off



Talent - Job Board - Freelance (Remote)

Andela

Sep 2021 - Feb 2023 (1 year 6 months)

Andela is yet another replica service similar to TopTal, it also works as a job board, where the talent who can access/apply for the jobs/clients are extremely trained, and tested.

Serving as a Technical Talent at Adnela, I specialize in JavaScript development and have worked successfully as a Software Engineer for numerous clients. Leveraging my expertise in JavaScript, I've been instrumental in driving engineering tasks to completion. My ability to handle intricate programming challenges underscores my value to each client.

Team Size: 30+

Projects: Hotel Engine

Skills: TypeScript, React, React Native, Docker, AWS, Elastic Search, Express, Node, Capacitor.js, Mongo, Postgres, RDS, EC2, API, Team Lead, Tech Lead, Engineering Manager



Lead Software Engineer - FT Permanent (Remote)

Lighthouse

Aug 2019 - Mar 2022 (2 years 8 months)

- Took a solo venture, overcoming early-stage uncertainties, and evolving it into a thriving startup. Balanced multiple roles, fostering transparency and progress of team deliverables. Led multiple teams, securing a few million in initial funding.
- Acted as an adaptable hiring and engineering manager; automated core tools, handling complex tasks such as AI-based image tagging involving over 80k images per process.
- Innovated database structures, catering to production needs with diverse builds and database technologies; designed multiple applications, meeting growing delivery needs.
- Implemented advanced technologies such as Snowflake, Segment, Amplitude, and HubSpot; enabled non-tech team's visual interaction with real-time data, using Forest Admin.
- Made substantial contributions to geoGIS and geo-map technologies; enabled complex geospatial queries in Elastic Search and contributed to Google Maps development features.

- Managed tools such as CRM, Slack bots, automation, Zappier, and periodic data cleansing. Stepped out of the primary domain with readiness and fostered teamwork through a gamified environment.

Team Size: 30+

Projects: Lighthouse primary systems: Slack tools, Insurance, cashback, maps, auth (FinTech Real Estate)

Skills: React Native, Project Management, TypeScript, React.js, Elastic search, Google Maps, Node.js, Mongo, Postgres, RDS, Algolia, NoSQL, CI/CD with CDK, Cloud Formation, Route53, Git, Azure, AWS, GWS, LightSail, Glitch, Mode, Segment, Amplitude, Hubspot, CMS, Blog, API, Figma, webhooks, Socket.io, ffmpeg, TensorFlow, Numpy (numpy), Brain.js

Reason To Leave: Covid Laid Off



Lead Software Engineer - FT Permanent (On-site)

JK Group Of Companies

Nov 2017 - Jul 2019 (1 year 9 months)

- Delivered services and strategies to enhance existing applications, significantly optimizing their operational efficiency and user experiences.
- Institutionalized best practices in agile and continuous development, streamlining workflow and expediting project timelines.
- Developed diverse tech solutions including browser extensions, custom MVC, JavaScript/CSS animations, and SMS gateway deploying Arduino and JavaScript, showcasing versatility in software development.

Team size: 20+ (Company Size 3000+)

Projects:

- Browser Extension (Jan-Mar 2017): Developed a user-friendly Chrome and Firefox extension utilizing JavaScript, enabling users to effortlessly identify DNS and SEO issues. As a team lead, I oversaw project management, ensuring timely delivery and quality control.

- JavaScript SMS Gateway (Mar-Nov 2017): Led a team to create a gateway system utilizing GSM SIM to send SMS, provide an interactive web interface, and facilitate effective customer management.

Truck Weighting Application (Dec 2017 2018): Successfully researched and developed a desktop application powered by NodeJS and Electron.js, built to decode metrics directly from the COM port. Managed the team, demonstrating my leadership skills.

- Facebook Games Builder (Jul 2018-Aug 2019): Led a team to develop a product using diverse technologies such as JS, NodeJS, and React.js, among others. We introduced a novel feature that enabled real-time updates in gameplay stages.

Skills: Expert in JavaScript, NodeJS, Express.js, Arduino, MongoDB, Electron.js, React.js, Next.js, Project Management, Product Development, Agile Methodologies, Continuous Development, SVG, GSM SIM, DNS, SEO.

Reason To Leave: shift in role demanded



Lead Software Engineer - FT Permanent (On-Site)

Brickclay

Feb 2016 - Jan 2017 (1 year)

- Oversaw the development of an innovative on-page graphical image processing system, significantly improving efficiency in work processes such as bulk and single image edits, format conversions, dimension adjustments, and remote uploads.
- Introduced CI/CD using Github smart actions and SCP on the VPS server for static serving/preview

Time Size: 5+

Projects:

- Icoons (Feb-Dec 2016): Led the design and implementation of 'Icoons', a program that automated complex graphical tasks such as resizing, converting, tagging, and uploading, utilizing technologies such as JavaScript, jQuery, Inkscape API, and PHP Codeigniter. This system functioned as an internal marketplace similar to iconfinder.com and significantly reduced manual labor while enhancing operational efficiency.

In this role, I acted as a Team Lead, managed the entire project lifecycle, and supervised Linux servers, demonstrating efficient project management and robust technical skills.

The success of 'Icoons' is a testament to our team's ability to leverage and implement cutting-edge technologies seamlessly, maintain quality standards, and meet project deadlines consistently.

Skills: JavaScript, jQuery, Inkscape, PHP, Codeigniter, Linux, Vue, Stripe, MongoDB, and Analytics.

Unix. Team Lead, CI/CD, Git, SCSS

Reason To Leave: Management shift



Software Engineer - FT Permanent (On-Site)

RankSol - Web & Mobile Apps Design And Development Services

Jan 2015 - Oct 2015 (10 months)

- Efficaciously provided services optimizing existing applications. Notably, incorporated performance and security upgrades on JavaScript, Node.Js, Codeigniter, and WordPress plugins, enhancing SMS, MMS, IVR, Auto call responders.
- Played an instrumental role in developing comprehensive documentation and builds accepted on Envato, showcasing my excellent written communication and technical abilities.
- Proficiency in handling diverse projects, customer management, technical support, and documenting complex technical information.

Team Size: 30+

Projects:

- Sticker SMS/WP SMS Marketing on envato (Jan-Apr 2015)

Utilized JavaScript, Twilio API, NodeJS, Express.js, PHP, and WordPress to release two versions of the build- NodeJS and WordPress plugin. This automation tool responded to customer SMS, MMS, and calls, bringing efficiency to multiple vendors including restaurants.

Responsibilities included project development, managing customer relationships through sales support, and providing technical support and documentation.

- Tee-Creator (Apr-Oct 2015)

Developed two builds in JS and PHP using JavaScript, NodeJS, express.js, HAML, PHP, Codeigniter, Bootstrap, MySQL, and MongoDB. The application enabled bulk design uploads and edits for online marketplaces like Amazon, Shopify, and Teespring, gaining over 5k unique monthly memberships. My responsibilities comprised JavaScript and backend development.

Skills: JavaScript, Node.Js, PHP, Codeigniter, WordPress.

Reason To Leave: Shift in role demanded

Web Developer - FT Internship (On-Site)

01Objects

Jan 2012 - Sep 2014 (2 years 9 months)

I began my career as a web developer at 01Objects, an institute renowned for its intensive technical training programs. It provided an excellent launching pad for my web development journey. As a Jr. web developer, I was quickly exposed to multiple projects, where I was involved in developing mid to large-scale Learning Management Systems (LMS), and Hospital Management Systems (HMS). These projects offered me the opportunity to work on both backend and frontend development tasks.

This early career experience helped me develop a comprehensive understanding of PHP, JavaScript, MySQL, CSS, and HTML. I learned how to leverage these technologies to build robust and user-friendly web applications. This foundational technical knowledge coupled with practical experience has been pivotal in my growth as a professional web developer. I am eager to continue utilizing and building upon these skills in my future development endeavors. My ability to adapt and learn quickly will always keep me at the forefront of evolving web technologies.

Team Size: 10+

Projects: LMS, CMS

skills: PHP, JavaScript, MYSQL, HTML, CSS

Reason to Leave: Business Defaulted

Education



National College Of Business Administration & Economics

BSCS(Hons), Computer Systems Networking and Telecommunications, Computer Software Engineering, Software QA

2012 - 2016

As a self-driven learner with a knack for programming, I excelled in both individual and collaborative university assignments. Notable projects included delivering presentations on web CMS, and creating a Java-based browser, calculator, and game. My thesis, highlighting NDS terminology and undertaking the development of a Bluetooth-based walkie-talkie Android app in Java, was recognized and displayed in the university library. I graduated with a 3.14 CGPA in a four-year BSCS Honours course, testament to my dedication and aptitude in software development.



Government College University, Faisalabad

ICS, Computer Software Engineering

2011 - 2012

From my intermediate student days, my passion for programming's endless possibilities led me to freelance for local and remote firms, executing simple VB Scripts and PHP-based projects. Early works included developing HTML/blogger templates, coding an alarm clock in VBScript, and creating animated borders with C++. This early exposure set the foundation for my programming proficiency, reinforcing my enduring passion for exploring the vast world of software development.

Licenses & Certifications



Web Developer - 01Objects

00230



PHP Certificate of achievement - TestDome

ct3esat4pj



Certificate of Achievement - jQuery/JS - TestDome

z5jnjnacu



Certificate of Achievement - SQL with PHP - TestDome

zepyztede3



Certificate of Achievement - HTML/CSS, JAVASCRIPT, PHP, AND SQL - TestDome

fp4s6j9phn



Certificate of Achievement - PHP with WordPress - TestDome

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Skills

Slack • REST APIs • React Native • Bash • Redux.js • Software as a Service (SaaS) • Technical Recruiting • Project Management • Leadership • Agile Methodologies