

MUHAMMAD HARRIS MALIK

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Skills

- JavaScript | TypeScript | React | Redux | Redux-Saga | Fabric.js | jQuery | Git
- Node | PHP | C++ | Go | Express | CodeIgniter | Laravel | Knex | Mongoose | SQL (MySQL, PostgreSQL) | NoSQL (MongoDB, Firebase)
- Cloud Storage (Google, AWS S3) | Canvas Libraries | Graphics Rendering | Image Manipulation | OOP
- Microservices | RESTful APIs | MVC | Frontend | Backend | Full-Stack | Problem Solving and Algorithm Design
- **Languages:** English, Urdu – *All professional proficiency or above*

Experience

Software Engineer

Uforia Infotech

Islamabad, Pakistan

03/2021 - 05/2023

- Developed multiple complex canvas features and **APIs** for an award-winning application that was featured on Product Hunt, a leading platform for innovative products, and won the **Gold** prize at the prestigious **P@SHA ICT Award 2022**.
- Architected and implemented scalable backend systems for canvas-related applications, leveraging **Laravel, CodeIgniter, PHP, Node.js, and Express** to seamlessly integrate interactive canvas features and optimize performance.
- Utilized cloud storage solutions such as **Google Cloud** and **AWS S3** for storing and retrieving images and other media files, reducing server load and improving scalability.
- Utilized **Fabric.js** to create image manipulation and interactive features with canvas libraries and graphics rendering techniques, adding value and innovation to the web applications.
- Displayed competence in **React** and its ecosystem by building API-driven web applications with **Redux-Saga** and complex JavaScript solutions, ensuring optimal performance and user experience.
- Showcased **problem solving** and **algorithm design** skills by optimizing performance and resolving bugs, ensuring smooth and reliable functionality of the web applications.
- **Latest Project: *Glorify*** is a user-friendly design tool tailored specifically for eCommerce business owners and entrepreneurs, empowering them to effortlessly craft captivating, product-centered visuals that enhance their brand presence.

Software Engineer

AtOptimize

Islamabad, Pakistan

10/2020 - 01/2021

- Designed and managed web applications utilizing **PHP, Laravel, JavaScript, jQuery, and MySQL**, leading to enhanced operational efficiency and improved user satisfaction.
- Leveraged **PHP** and **Laravel** framework to build dynamic and interactive web pages, enhancing the overall user experience.
- Implemented secure and optimized **MySQL** database queries, ensuring fast and reliable data retrieval and storage.
- Displayed a strong aptitude for problem-solving and meticulous attention to detail, consistently surpassing client expectations by successfully completing tasks ahead of deadlines and upholding high standards of quality.

Software Engineer, Intern

Zaf Technologies

Islamabad, Pakistan

08/2020 - 10/2020

- Collaborated closely with the development team to design and develop a comprehensive in-house **supply chain** management system, leveraging **Laravel** framework and **PHP** to streamline operations and optimize efficiency.
- Implemented robust backend functionalities using Laravel, including database management, **data modeling**, and **API integrations**, resulting in a more efficient and streamlined supply chain process.
- Developed and maintained front-end interfaces utilizing **HTML, CSS, JavaScript, and jQuery**, ensuring a user-friendly and intuitive experience for employees across different departments.
- Utilized **MySQL** to design and optimize the database structure, facilitating seamless data storage, retrieval, and analysis.

Education

Bachelor of Computer Science

Bahria University

Islamabad, Pakistan

2015 -2019

- **FYP:** Implemented a decentralized assets exchange platform for the tourism industry using Hyperledger Fabric

Recommendations

- **Malik Bilal:** Received a glowing recommendation by him on LinkedIn for being an exceptional full-stack developer with strong communication, collaboration, and client satisfaction skills.

Certification

- **Elements of AI: University of Helsinki:** Equipped with a solid foundation in AI and practical knowledge to leverage transformative innovation using AI technologies (01/2020)
- **IBM Blockchain Foundation Developer:** showcasing proficiency in understanding the concepts of blockchain solutions using IBM technologies (03/2021)