**Shreya Rawal**

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**EDUCATION**

**Master of Science in Information Systems** - University of Maryland, Baltimore County, USA. *2018-2020*

**Bachelor of Engineering in Computer Science** - Lakshmi Narain College of Technology, Indore, India. *2011-2015*

**TECHNICAL SKILLS**

Programming Languages : Java, Python, C#, ASP.NET

Web Technologies : HTML, SASS, Tailwind css, Microsoft Sharepoint

Scripting Languages : JavaScript, jQuery,Web3 js, React js,TypeScript

Frameworks : Django, Phone Gap, Node JS, MD Bootstrap, Word press

Tools : Git, Adobe Illustrator, S3, Docker, Jira, Azure DevOPs, Slack, Microsoft Office Suite, Click Up

Databases : MS SQL Server, Oracle, AWS

Networking ,OS : TCP/IP, OSI model, HTTP. Linux, Windows.

**PROFESSIONAL EXPERIENCE**

**Web Developer /Analyst |** StrategicFactory, Baltimore MD*Aug 2023 – July 2024*

* Orchestrated the development, updates and upkeep of custom B2B E-commerce platforms for 100+ clients, design HTML5 CSS and JQuery (Drupal); refined functionality and aesthetics to drive customer experience.
* Developed online functionalities for print items using Page DNA CRM and Python scripts, ensuring seamless customization; modified designs using Adobe Creative Cloud tools, adhering to client specifications, enhancing business card customization by 40%.
* Optimized SQL queries for an API to efficiently display customer data (10,000 rows), provided technical support and change management, reduced data retrieval time by 25%, improved system performance, and fixed issues in Macros and Crystal Reports and created Microsoft Excel /Tableau Reports.
* Collaborated cross-functionally to demo prototype portals and present them to stakeholders, improving communication with vendors and increasing project approval rate by 30%.
* Investigated and troubleshoot user login/profile issues across (WCAG) divisions/warehouses, enhancing security and usability with SSO by creating portals
* Partnered with business stakeholders to evaluate warehouse/inventory status , data management (Teradata) and identify integration needs, leading to improved efficiency and alignment with operational goals which increased online ordering by 70%
* Acted as a subject matter expert, using programming skills to automation of ERP tasks, increasing efficiency, and reducing paperwork by over 80%; used ClickUp to manage portal updates.
* Scrutinise the data visualization report for cross functional team (marketing and sales) to see overall completed, pending orders and current orders in production using Tableau.

**Programmer Analyst** **|** Marlabs LLC: UL Solutions, Remote *Sep 2022- June 2023*

* Deployed a reporting feature to generate certification popups (Compliance Wire) within a modal using iframes triggered by dynamic dropdown selections.
* Successfully migrated classic ASP pages to MVC architecture and WCF pages to REST API creation, with thorough testing by Postman.
* Formed ASP.NET Core Razor/Blazor Web pages to present various question types to trainees, using MDBootstrap for enhanced UI/UX.
* Utilized efficient coding practices to create user-defined tables and refined stored procedures (SQL) to eliminate XML data usage (SSIS).
* Address production/operational issues tickets on Salesforce (production support) and provided quick fix by troubleshooting, used GitHub.
* Analysis of requirements (ERP) documenting SOP and the workflow of newly formulated features in the legacy and new features.
* Employed Jira and Azure DevOps for user story, sprint planning (Product management), and defining acceptance criteria, within agile workflows (Sdlc).

**Full Stack Developer** **|** Rekor Recognition Systems, Columbia, MD *June 2020 –Aug 2022*

* Re-engineered a standalone application (C#) using DDD (.Net Framework) to improve and analytics of data conversion; received in .xlsx files to csv (containing 200-300 rows of data/ batch) ETL process, parse the data and update the production database for violation ticket print queue.
* Worked on rewriting the existing .Net Framework projects to .NET Core using CQRS Pattern, Repo pattern, and Entity framework. also implemented Domain Driven Design using dependency injection into legacy projects.
* Engineered web services (Typescript) and responsive webpage styling for Payment portal for UVED Program (Oklahoma State).
* Executed test plans/ test cases for existing enterprise applications and rectified technical issues by leveraging debugging and tested on Docker.
* Experience in maintenance of production architecture, refactor codebase, business systems, production upgrades and production support.
* Improved the efficiency of the legacy projects by developing hot fixes and revamped of SQL queries (Performance Tuning).
* Streamlined functional design and documentation for contractors, while mentor junior developers on code reviews and API creation, enhancing team integration and reducing codebase errors by 70%.
* Performed and contributed in User Acceptance Testing (UAT), Qa, testing Web Apis using Postman, test database on S3.

**Associate Consultant** **|** Sogeti USA, Timonium, MD *Feb 2020 – Apr 2020*

* Wrote python script to import and extract and do process improvements for customer data from CSV and XML format to XML format to load huge datasets to the database in xml format thereby parsing the data to key-value pair.
* Data cleaning to remove the incorrect format (csv and xml), removal of invalid id from the source file to feed in the database which helps to load all the records successfully with relevant sales and transaction details for each customer.
* Executed data analysis, validation, and quality checks, cross-referencing custom attributes with database columns based on business requirements, while also creating reports and visualizations using Power BI and executing PLSQL for CRUD operations.

**Software Intern** **|** International Software Systems, Greenbelt, MD *June 2019 –Aug 2019*

* Rebuilt the company website using React.js and Angular, including JavaScript contact form and headless CMS (Cockpit), and developed a React-based "Employee Suite" to automate status tracking.
* Designed and styled the index page (HTML, SASS), served as SCRUM master for interns, resolved Cypress test errors using Mocha & Chai, and integrated Google Analytics for enhanced user insights.

**Web App Developer|** Aarogya Infotech and Management Systems, India *June 2016 –Aug 2016*

* Implemented barcode scanning, image capture, and data security for patient registration in a mobile hybrid Android app; set up user data via API and deployed the SDK to the Play Store.