Muhammad Arslan

Software Engineer

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Profile

2.5+ years of experience in full-stack web application development and maintenance. Proficient in **MVC**, **OOP**, unit testing, **SDLC**, **CI/CD**, and Agile principles. Skilled in diverse languages and technologies including **Ruby on Rails**, **JavaScript**, **Typescript**, **React**, and **SQL**. Led end-to-end development of multiple projects, demonstrating leadership in both individual and team environments, from established enterprises to dynamic startups.

Skills

- **Programming Languages:** Ruby, Javascript(ES6), HTML5, CSS3.

- **Frameworks:** Ruby on Rails, React.js, Node.js, Express.js, Nest.js

- **Databases:** SQL, NoSQL, MongoDB, Redis, Elastic Search

- **Testing:** Rspec, FactoryBot, FactoryGirl, Fixtures, SimpleCov, Rubocop, Jest, Cypress, Selenium Postman

- **API and Integrations:** REST/RESTful, Rails API, GraphQL, FastAPI

- **DevOps:** AWS, Heroku, Digital Ocean, Render, Jenkins, Docker

- **Methodologies:** Agile, Scrum, Collaboration tools (Jira, Linear, Trello, Slack).

- **Version Control:** Git, GitHub, GitLab.

Professional Experience

Software Engineer   April 2023 - Present

Devsinc, Lahore

- Guided bi-weekly architecture discussions, facilitating successful implementation of 25+ new features.
- Ensured ongoing collaboration among users, development, and QA teams, resulting in a high 95% testing success rate.
- Improved code quality through systematic processes, reducing defects by 75% and enhancing maintainability by 50%.
- Streamlined deployment with CI/CD automation, reducing deployment time by 30% and enhancing release outcomes.
- Led efficient code review sessions, boosting coding efficiency and quality by an impactful 25%.

Associate Software Engineer   March 2022 - April-2023

Devsinc, Lahore

- Led the development of 2 impact-ful customer-facing projects as the go-to Ruby on Rails specialist, driving the creation of dynamic web applications that met clients' unique needs.

- Translated intricate programming requirements into seamless front-end website experiences, ensuring exceptional user interactions, while also effectively addressing intricate challenges in back-end server code to guarantee reliability and scalability.

- Played a pivotal role in the architectural overhaul of key projects, contributing innovative solutions and revamping project structures to enhance performance, scalability, and maintainability.

Projects

Concert Finance

- Steered bi-weekly architectural discussions, successfully integrating 20+ new calculation modules.

- Orchestrated cross-functional collaboration among users, development, and finance teams, achieving a 92% testing success.

- Analyzed UI adjustments' impact, driving a 12% increase in user engagement.

- Elevated code quality,reducing errors by 70% and enhancing maintainability by 45% through process.

- Achieved efficient automated deployment via CI/CD, reducing deployment time by 25% and boosting release.

Parsley

- Built entire infrastructure for project from development processes to project management tools.

- Setup and built project in Rails 6, React 17 and typescript mono-repo.

- Migrated 20+ calculation modules from perl with new and improved requirements and updated rules

- Collaborated with different stake holders to clarify and design new feature and implemented solely.

- Added flexible data structure and DB architecture for flexibile user input data.

- Processed 50+ requirements documents and formulas from multiple sites Confulunces and extracted formaulas form csv's.

- Wrote background jobs to process the CSV's, Airtable and Google sheets data to extract the formulas and apply to users PII to calcaute their eligibility.

Education

University of Engineering and Technology, Lahore   May-2022

Bachelor's Degree in Computer Science