

# Arsalan Nawaz

## Full Stack Developer

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## Overview

**Experienced Full Stack Developer** with 5 years of building scalable web applications across multiple industries (CRM, Retail, Healthcare, E-commerce). Strong expertise in both front-end and back-end technologies, API development, third-party integrations, and DevOps. Proficient in **Test-Driven Development (TDD)** and maintaining high code quality. Skilled in leading teams, mentoring developers, and delivering high-impact solutions using **Agile** methodologies.

## Technical Skills

- **Languages & Frameworks:** Ruby, Ruby on Rails, JavaScript, ReactJS, React/Redux, TypeScript, CoffeeScript, GraphQL, GrapeAPI
- **Frontend Technologies:** ReactJS, Tailwind CSS, SASS, Bootstrap, Foundation, JQuery, PrototypeJS
- **Backend Technologies & Application Servers:** Ruby on Rails, Puma, Express, Nginx
- **Databases:** MySQL, SQL Server, PostgreSQL, SQLite3
- **DevOps & Tools:** AWS EC2, AWS RDS, AWS CLI, GitLab, GitHub, Capistrano, Heroku, ElasticSearch, Redis, Sidekiq, Stripe, Docassemble
- **Development Practices:** Agile, Scrum, Test-Driven Development (TDD), Design Patterns, Data Structures, Algorithms
- **Project Management Tools:** Jira, ClickUp, Trello, Asana

## Experience

2022 - PRESENT

### *Senior Software Engineer - Xprolabs*

- Designed and implemented scalable features using **Ruby on Rails and ReactJS with GraphQL** for seamless data retrieval.

- **Optimized** PostgreSQL database performance, resulting in a **20% improvement in query efficiency**.
- **Integrated** third-party services, improving application functionality (e.g., payment gateways, financial APIs).
- **Developed** and maintained **RESTful APIs** and **GraphQL**, reducing data retrieval time by **15%**.
- Improved application security by implementing robust **security protocols**.
- **Led** UI/UX improvements, resulting in a **15% increase in user satisfaction**
- Met project requirements following **Agile Methodologies** including scrum
- **Spearheaded** the adoption of **CI/CD pipelines**, cutting deployment time by **30%** and improving release frequency.
- Used **elastic search** to achieve sorting, filtering and searching the records
- Added **request and unit specs** in order to achieve test coverage as much as possible
- **Mentored** junior developers, fostering a collaborative environment and improving team productivity.

2020 - 2022

### *Software Engineer* - **Square 63**

- **Developed** responsive and high-performance front-end features using ReactJS, SASS, and JavaScript, improving front-end load time by **25%**.
- Applied jQuery to enhance web application interactivity and streamline **DOM manipulation**.
- Executed **event-driven architecture** with Ruby on Rails, reducing server load and increasing responsiveness.
- **Enhanced** the response time of requests by moving the jobs from **foreground to background**
- Used **Sentry and Paper Trail** in order to log responses from multiple services and trigger notifications in case of failure
- **Integrated** document generation via **Docassemble**, reducing manual data entry time by **40%**.
- Used **YAML structure** for templating the documents and managing the directories
- **Collaborated** on API documentation with Swagger, increasing ease of use for internal and external developers.

## Education

2016 -2020

**FAST - NUCES, Lahore, Pakistan** - *Bachelors | Computer Science*

2014 -2016

**LGS, Lahore, Pakistan** - *GCE A'Level | Computer Science*