Rashid Siddique

Fullstack Developer

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Summary

Full-Stack Engineer with 10+ years of experience delivering web, and 3D platforms. Skilled in end-to-end development, team leadership, and open-source contributions, with a strong track record of converting client opportunities into long-term partnerships.

Skills

Programming & Frameworks	Development Practices	Tools & Platforms
■ Ruby on Rails, Python (Django)	■ Agile Methodologies	■ AWS (EC2, S3, RDS, EBS)
■ Node.js (NestJS, Express)	■ SDK Development	■ Heroku, Hostinger
■ React (Web, Native)	■ RESTful API Development	■ Postgres, MySQL, Firebase
■ JavaScript, CoffeeScript, Haml	■ TDD (RSpec, NoseTests)	■ Travis CI, Coveralls.io
■ Three.js, Unity (WebGL), Cesium	■ BDD (Cucumber)	■ Twilio, Mux
	■ Code Reviews & Mentorship	■ Git, Bitbucket

Work Experience

Lead Software Engineer   @   Folio3 Pvt Ltd   Oct 2017 – Present

- ➤ Led cross-functional teams to design and deliver full-stack solutions across web, mobile, and 3D visualization platforms.
- ➤ Top Contributor to the Optimizely Ruby SDK; contributed to open-source SDKs in Ruby, Python, and PHP.
- ➤ Directed system architecture, code reviews, CI/CD pipelines, and performance optimization initiatives.
- ➤ Built and maintained HIPAA-compliant telehealth platforms using Ruby on Rails.
- ➤ Applied TDD (RSpec, NoseTests) and BDD (Cucumber) practices to ensure robust, high-quality code.
- ➤ Designed and deployed cloud-native applications leveraging AWS and Firebase.
- ➤ Developed interactive 3D visualization tools using Three.js, Unity WebGL, and CesiumJS.
- ➤ Created AgentDock, an open-source AI agent orchestration platform with FastAPI and React.

Software Engineer   @   Nextbridge Pvt Ltd   Jan 2016 – Oct 2017

- ➤ Led development of Ruby on Rails products, ensuring successful project delivery.
- ➤ Conducted code reviews and mentored junior developers, improving team quality.
- ➤ Maintained and deployed applications on AWS, optimizing performance.
- ➤ Designed and implemented Postgres database architectures, improving efficiency.
- ➤ Collaborated with front-end teams for responsive designs, enhancing user experience.
- ➤ Integrated third-party APIs and payment gateways, expanding platform capabilities.
- ➤ Participated in Agile processes, contributing to feature planning.

Software Engineer   @   Pikes Soft   Nov 2014 – Dec 2015

- ➤ Developed Agile-based applications using Ruby on Rails.
- ➤ Led daily scrums, weekly estimations, and retrospectives.
- ➤ Managed code repositories with Git and BitBucket.
- ➤ Integrated RESTful APIs for sales data.

Projects

Optimizely SDKs (Open Source) 🔗

Optimizely SDKs (Ruby, Python) for feature flagging and A/B testing. Top contributor to Ruby SDK.

| Gem/SDK Development | Ruby | Python | RSpec | NoseTests | Cucumber | Travis CI | Coveralls.io |

Grupo Alvic – Alvic Studio (3D Rendering & Visualization) 🔗

Interactive platform for layout visualization, object placement, and photorealistic design.

| React.js | Three.js | WebGL | AWS |

ClinicLive – Telemedicine Platform 🔗

HIPAA-compliant telehealth app for scheduling, virtual consultations, and secure communication.

| Ruby on Rails | React Native | React.js | Twilio | Heroku | AWS |

Vahana App – Fitness Platform 🔗

Cross-platform fitness app with wearable integration, exercise tracking, and personalized metrics.

| React.js | Firebase | Node.js | AWS |

PropTiFi – Real Estate Platform (MVP Development)

MVP platform for property listings with agent portals, video streaming, and scalable Rails APIs.

| Ruby on Rails | Elasticsearch | Active Admin | Mux | AWS |

Petbuddy360 – Pet Care Platform

Digital marketplace connecting pet owners with vets, trainers, and services; powered by Django APIs and CMS.

| Django | Custom CMS | AWS | Hostinger |

AgentDock – Intelligent Agent Orchestration Platform 🔗

Open-source platform for building and managing AI agents with FastAPI, React, and PostgreSQL.

| FastAPI | React | PostgreSQL | Docker |

Adassa Neom (MVP) – BIM Visualization Platform 🔗

Self-hosted 3D BIM exploration platform using CesiumJS with scalable data conversion pipelines.

| CesiumJS | Python | 3D Tiles | BIM |

Dubseed by Symphonic Distribution – Music Distribution Platform 🔗

Music discovery and distribution platform with stem separation, scaling, and secure transactions.

| Ruby on Rails | AngularJS | AWS Elastic Beanstalk |

Go Pato – Delivery Service Platform

On-demand delivery platform with live tracking, agent portals, and scalable Rails + React stack.

| Ruby on Rails | React | Stripe | Braintree | Capistrano |

Sendoso F.K CoffeeSender – Bulk Gifting Platform 🔗

Enterprise gifting tool integrated with Salesforce and Dynamics for bulk campaign management.

| Ruby on Rails | Salesforce | Microsoft Dynamics | AWS |

Get Dimension – Smart Waste Management 🔗

A platform using real-time data to optimize waste collection and pricing.

| React.js | Node.js | Firebase Emulator Suite |

NEURO World – Brain Game CMS (WebGL) 🔗

Brain-training platform with Unity WebGL CMS for drag-and-drop game design and Firebase sync.

| Unity WebGL | Firebase Realtime DB |

Education

Bachelor of Science (BS), Computer Science — COMSATS Institute Of Information And Technology Lahore

Courses

- Line Manager Certification - Level 1 by Lawrence m. miller
- Introduction to Generative AI for Software Development
- Gen AI: Pretraining LLMs
- Gen AI: Function-Calling and Data Extraction with LLMs

Awards & Certifications

- ✓ National ICT R&D Fund Scholarship (Full Bright) for Undergraduate Program.
- ✓ Arctic Code Vault Contributor
- ✓ Annual Team Effort Award
- ✓ Idea Bash Competition Award
- ✓ Certification: SEC101 — OWASP Top 10