

MARYAM AMEEN

SOFTWARE ENGENIER

Lahore, Pakistan | engmaryamameen@gmail.com

SUMMARY

Senior Software Engineer with 9+ years of experience building and scaling high-performance, user-centric web products. Backend specialist in Node.js, Ruby on Rails, Python (with its major frameworks), and .NET, with deep expertise in microservices, high-throughput APIs, and data stores (PostgreSQL, MongoDB, MySQL, Redis). Experienced in deploying and operating cloud-native systems on AWS and Azure. Comfortable with modern front-end frameworks such as React, Next.js, and Angular when needed. Delivered products to tens of thousands of users, improving reliability, performance, and security. Proven track record in driving CI/CD pipelines, automated testing, and secure payment integrations across SaaS, fintech, and e-commerce domains. Known for ownership, collaboration, and delivering impactful solutions at speed in agile scale-up environments.

TECHNICAL SKILLS

Languages:	Frameworks:	FastAPI
JavaScript	Node.js	.NET Core
TypeScript	Express.js	React.js
Ruby	NestJS	Next.js
Python	Fastify	Angular
C#	Ruby on Rails	Redux
SQL	Django	Context API
Bash / Shell scripting	Flask	Zustand
Databases:	Architecture & Design:	Distributed systems
MS SQL Server	Microservices architecture	Scalability
MongoDB	RESTful API design	Domain-Driven Design (DDD)
DynamoDB	GraphQL APIs	Clean architecture
Redis	Event-driven systems	SOLID principles

PROFESSIONAL EXPERIENCE

Senior Software Engineer , Devsinc	Apr 2023 - Present
Stack: Angular, React, Next.js, Node.js, Ruby on Rails, .NET Core, SQL Server, PostgreSQL, MongoDB, Redis, AWS (ECS, Lambda, S3), Docker, Jenkins, CI/CD	
<ul style="list-style-type: none">Led a team of 8 to build a multi-tenant SaaS loan management platform with audit trail compliance.Migrated monolithic apps to Docker-based microservices, improving scalability and deployment speed.Developed mobile-first features with React Native and real-time updates using WebSockets.Enhanced API security with OAuth2, JWT, and rate-limiting; integrated Stripe and PayPal payments.Built CI/CD pipelines using Jenkins and AWS ECS, cutting manual testing time by 40%.Ensured reliability with Cypress, Jest, Mocha, and RSpec testing frameworks.	
System UX Engineer, Arbisoft	Feb 2019 - Apr 2023
Stack: React, Redux Toolkit, Node.js, Express, PostgreSQL, MySQL, MongoDB, Docker, Azure, AWS	
<ul style="list-style-type: none">Led development of a SaaS-based HR and payroll platform serving 100+ corporate clients, ensuring scalability, performance, and compliance.	

- Designed role-based dashboards and implemented real-time notifications using WebSockets to enhance user engagement.
- Built and documented GraphQL and REST APIs with Swagger/OpenAPI for seamless integration.
- Set up CI/CD workflows using Azure Pipelines, achieving zero-downtime deployments.
- Developed responsive frontends with React + Redux Toolkit, Tailwind CSS, and Bootstrap, improving accessibility and UX.
- Optimized PostgreSQL schemas and queries, improving performance and reducing latency.
- Strengthened security using JWT, OAuth, and Devise.
- Contributed to e-commerce module development (cart, checkout, product search) and modernized legacy systems to React-based architecture.

Software Engineer , Technier

Apr 2016 - Jan 2019

- Contributed to backend development with JavaScript and SQL.
- Participated in debugging, testing, and deployments.
- Managed cloud resources using AWS CLI, deploying and maintaining services in cloud environments.
- Implemented real-time features using WebSockets for live chat, notifications, and data streaming.
- Configured and utilized Redis for caching and session storage to improve performance
- Collaborated with cross-functional teams in Agile/Scrum workflows to deliver project milestones on time.
- Worked with ActiveMQ Broker to manage distributed messaging and event-driven systems.

EDUCATION

BS(Computer Science)

University of Punjab

- Relevant coursework in Structural Design and Project Management.

ADDITIONAL INFORMATION

Languages: English, Urdu, Hindi.

Additional Skills:

- **Frontend Development:** HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Angular, Next.js, Redux Toolkit, React Native, Flutter, Tailwind CSS, Bootstrap, Responsive Design, SEO Optimization, WCAG 2.1 Accessibility, WebSockets (real-time features).
- **Backend Development:** Node.js, Express.js, Ruby on Rails (RoR), Python (Django), RESTful APIs, GraphQL APIs, WebSockets (real-time communication), ActiveMQ (message queuing).
- **Database Management:** MongoDB, MySQL, PostgreSQL, Redis (caching, session management), Schema Design, Query Optimization.
- **Payment Integration:** Stripe, PayPal (automated billing and secure transactions).
- **Cloud & DevOps:** AWS (EC2, Lambda, S3, CloudFront, ECS, Elastic Beanstalk), Azure (deployments and pipelines), Google Cloud.