

MARYAM AMEEN

Software Engineer | Web Developer | MERN Stack Engineer

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EXPERIENCE

Codenzy

Jul 2025 — Present

Software Engineer

- Built an AI assistant with AWS Bedrock, migrated applications to AWS ECS, and automated CI/CD with Jenkins.
- Improved platform security using OAuth2, JWT, rate limiting, and integrated Stripe & PayPal payments.

Associate Software Engineer

Aug 2024 — Jul 2025

- Delivered features for a SaaS HR platform, built REST/GraphQL APIs, optimized PostgreSQL, and automated deployments with Azure Pipelines.
- Developed role-based dashboards, real-time notifications, and modernized legacy React interfaces.

Technier

Jun 2024 – Aug 2024

Software Intern

- Built backend services with Node.js, Express, SQL, WebSockets, Redis, and AWS EC2.
- Implemented real-time communication and contributed to scalable messaging solutions using ActiveMQ.

PROJECTS

TaskForge | Multi-Tenant SaaS Project Management Platform 🔗

- Built a multi-tenant SaaS platform with organizations, role-based access, Kanban boards, and real-time notifications.
- Designed tenant-safe authorization using NestJS guards and background job processing with BullMQ.
- Implemented Redis caching, rate limiting, and Stripe integration for a scalable production-ready architecture.

ShopNest | E-commerce Platform 🔗

- Developed a full-stack e-commerce platform with secure authentication and concurrency-safe checkout.
- Designed inventory consistency using database transactions, row locking, and idempotent order processing.
- Shared API types between frontend and backend using OpenAPI-generated TypeScript models

AI Resume Analyzer 🔗

- Built an AI-powered resume analyzer that extracts structured resume data and generates personalized recommendations.
- Implemented resume scoring, skill-gap analysis, role prediction, and analytics dashboards using NLP techniques.
- Developed admin and feedback modules with reporting and CSV export capabilities.

SKILLS

Programming: JavaScript, TypeScript, Python, Ruby, SQL

Frontend: React, Next.js, React Native, Redux Toolkit, Tailwind CSS

Backend: Node.js, NestJS, Express.js, Django, Ruby on Rails, GraphQL

Databases: PostgreSQL, MySQL, MongoDB, Redis

Cloud & DevOps: AWS, Azure, Docker, Git, Jenkins, CI/CD

Testing: Jest, Cypress, Mocha, RSpec

Architecture: REST APIs, Microservices, WebSockets, DDD, Clean Architecture, SOLID

EDUCATION

University of Central Punjab

Sep 2021 – Jun 2025

BS Software Engineering

Lahore