

ZOYA MUSKAAN

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PROFESSIONAL SUMMARY

Computer Science Engineering graduate (CGPA 8.7/10, 2026) with 1 year of internship experience across Android and full-stack Java development, and hands-on project experience building AI agents and GenAI-integrated applications. Proficient in Java, Kotlin, SQL, REST APIs, MVVM/MVC architecture, Spring Boot, React, and LLM/agent tooling (Groq, GitHub MCP, Deepgram). Holds 50+ Salesforce Trailhead badges (CRM, Apex, Flows) and 25+ Google Developer badges. Agentblazer Champion 2026 (Salesforce). Seeking a software engineering role - full-stack, Android, or AI/agent-focused - to build scalable, user-focused products.

INTERNSHIP EXPERIENCE

Android App Development Intern - Generative AI - MindMatrix

Feb 2026 - May 2026

Remote

- Built 2 production-ready Android applications in Kotlin with Jetpack Compose, integrating Generative AI features using Android Studio; apps followed MVVM clean architecture.
- Implemented Retrofit + Gson for API-driven data handling, reducing API response-handling code by ~30% and improving maintainability across both applications.
- Applied clean architecture principles (separation of concerns, repository pattern) enabling faster feature iterations and independent unit testing of the ViewModel layer.

Full Stack Java Developer Intern - QSpiders

Apr 2025 - Nov 2025

Bengaluru

- Designed and delivered 3 full-stack web projects using Java, SQL, HTML, CSS, and JavaScript with end-to-end CRUD operations and RESTful API integration.
- Applied SQL query optimisation and indexed schema design principles to improve backend performance.
- Collaborated on frontend and backend modules across the Java stack, achieving cleaner separation of concerns and reusable component design.

PROJECTS

Product Inventory - Search, Filters & Query Optimisation Benchmark

Jul 2026

Tech: Java, Spring Boot, Spring Data JPA, H2/SQL, REST API

- Built a full-stack inventory app with search/filter across 200K records - hands-on experience querying, filtering, and optimising performance on a large dataset; identified and fixed a query-planning bug where optional filters blocked index usage on every search.
- Added targeted database indexes and rebuilt the query using JPA Specifications, reducing average filtered-search query time by ~98% (from ~1.3s to ~15ms), verified via EXPLAIN query plans.
- GitHub: github.com/Zoymusk/product-inventory-query-optimisation

Portfolio Agent - AI Resume-to-Portfolio Pipeline

Aug 2026

Tech: Next.js, TypeScript, GitHub MCP, Daytona Sandbox, Groq/Gemini LLM, Vercel

- Built an agentic pipeline that takes a resume and GitHub username, pulls real repository data via GitHub MCP, and auto-generates a deployed Next.js portfolio site in a sandboxed Daytona environment with a human-approval step before going live on Vercel.
- Built as part of the WeMakeDevs TrueForge Agent Harness Hackathon; currently evolving the project into resume2portfolio, a SaaS product with Groq-powered generation and Razorpay/Gumroad monetization.
- GitHub: github.com/Zoymusk/portfolio-agent | Live: zoya-muskaan-dev.vercel.app

Vox - Voice AI Agent with Function Calling

Aug 2026

Tech: Java, Spring Boot, Deepgram (STT), Groq LLM, Web Speech API (TTS), Open-Meteo API

- Built a real-time voice AI agent in Java Spring Boot, integrating Deepgram speech-to-text with a Groq-hosted LLM to hold natural, low-latency spoken conversations.
- Implemented browser-based text-to-speech (Web Speech API) for voice output, creating a full voice-in, voice-out conversational loop without third-party TTS costs.
- Extended the agent with function-calling to fetch live weather data via the Open-Meteo API, enabling it to take real-world actions beyond conversation; deployed to Firebase.

GramaKhata - Village Financial Records Android App

Apr 2026 – May 2026

Tech: Kotlin, Jetpack Compose, Room Database, Android Studio, MVVM

- Designed and developed an offline-first Android app (Room Database for local persistence) to digitise village-level credit/debit record management for 50+ simulated accounts, with an accessible UI for non-technical rural users.
- GitHub: github.com/Zoymusk/GramaKhata-ADigitalSolutionforRuralAccountManagement

OPEN SOURCE CONTRIBUTIONS

tenantlayer-io/tenantlayer - JWT Claim Resolver

Sep 2026

Tech: Java, Spring Boot, JWT, Auth0, Keycloak, JUnit, Mutation Testing

- Built Auth0 and Keycloak JWT claim resolvers for a multi-tenant SaaS security library.
- Found and fixed a HashMap iteration-order bug that could silently misattribute tenant data across organizations; added mutation-tested unit tests proving the fix. PR merged after maintainer code review.
- Fork: github.com/Zoymusk/tenantlayer | PR: github.com/tenantlayer-io/tenantlayer/pull/31

stlahxm/lc4j-lens - Spring AI VectorStore Adapter

2026

Tech: Java, Spring AI, LangChain4j, Vector Search

- Built a Spring AI VectorStore adapter bridging Spring AI's embedding model to LangChain4j's, enabling an existing RAG library to support both frameworks.
- Diagnosed and fixed a similarity-search threshold bug that was silently dropping valid results; PR merged.
- GitHub: github.com/stlahxm/lc4j-lens

apache/fineract-loan-origination - API Documentation

2026

- Added OpenAPI/Swagger documentation to 4 REST controllers (11 endpoints) in this Apache Software Foundation project (Java, Spring Boot); PR merged.
- GitHub: github.com/apache/fineract-loan-origination

CodeMonk - Spring Boot Actuator Configuration

2026

- Implemented Spring Boot Actuator endpoint configuration in a shared Java/Spring Boot core library; PR merged.

TECHNICAL SKILLS

Languages & Frontend: Java, Kotlin, SQL, JavaScript, TypeScript, React.js, Next.js, HTML, CSS

Android: Jetpack Compose, Retrofit, Gson, Room Database, Firebase, Android SDK, MVVM, Material Design

Backend / Web: Java Full Stack, REST APIs, CRUD, Flask, MVC, Spring Boot, JSON, XML

AI / Agents: Groq, Gemini, Deepgram STT, LLM Function Calling, GitHub MCP, Agentic Pipelines, Prompt Engineering

Databases: SQL (MySQL/SQLite), Room Database, Firebase Realtime Database, Query Optimisation

Cloud & Tools: GCP, Vercel, Daytona, Firebase, Git, GitHub, Android Studio, Agile/Scrum

Salesforce & Concepts: Salesforce CRM, Apex, Flows, Agentblazer; OOP, DSA, Clean Architecture, CI/CD (familiar), Unit Testing

CERTIFICATIONS AND ACHIEVEMENTS

- Agentblazer Championship 2026 (Salesforce) - Recognised for completing advanced AI agent-building challenges on the Trailhead platform.
- Agentblazer Innovator 2026 (Salesforce) - Awarded for building an innovative AI-powered agent solution.
- Participant, WeMakeDevs TrueForge Agent Harness Hackathon (Aug 2026) - Built and shipped an agentic resume-to-portfolio deployment pipeline under hackathon time constraints.
- 50+ Salesforce Trailhead Badges - Covering CRM, Apex programming, Flows, and platform administration.
- 25+ Google Developer Badges - Covering Android development, Google Cloud Platform, and Firebase.

EDUCATION

Bachelor of Engineering - Computer Science and Engineering

2022 – 2026

Ghousia College of Engineering, Bengaluru | CGPA: 8.7/10

Pre-University Certificate - Science Stream

2020 – 2022

New Expert PU College | 95%