



GIMESHA NIRMAL

—SOFTWARE ENGINEER



+94 (0)76-299-5519



gimeshanirmal23@gmail.com



Tabbomulla, Kuliypitiya



gimesha.dev



linkedin.com/in/gimesha-nirmal

SUMMARY

Entry-level software engineer (full-stack • mobile • AI/ML) who ships reliable features end-to-end. Comfortable with Java/Spring, React/TypeScript, Kotlin (Jetpack Compose), Python, and practical ML/CV. Pragmatic, security-minded, and disciplined—aim to leave codebases better than I found them.

EDUCATION

2021-2025

JAVA INSTITUTE

- Bachelor of Engineering in Software Engineering

SKILLS

- Languages: Java, Kotlin, TypeScript/JavaScript, Python, SQL
- Backend: Spring Boot, REST, JWT/RBAC, OpenAPI/Swagger, FastAPI, Node/Express
- Frontend: React + TypeScript, Bootstrap, Tailwind
- Mobile: Android (Jetpack Compose), Retrofit
- AI/CV: OpenCV, OCR, basic ONNX/PyTorch workflows
- Data/DB: MySQL, SQLite; schema design, indexing, reporting
- DevOps/Tools: Git/GitHub, Gradle/Maven, Docker (basic), GitHub Actions, Vercel, WSL2, Cloudflare Tunnel/ngrok

LANGUAGES

- English (Fluent)
- Sinhala (Native)

PROJECTS

■ Secure Banking APIs

Spring Boot, MySQL, JWT/RBAC, OpenAPI

- Designed and implemented REST services for auth, accounts, transactions, reporting.
- Added input validation, exception handling, and CI smoke tests; improved reliability and error clarity.

■ Android Banking App

Kotlin, Jetpack Compose

- Built core screens (auth, accounts, transfers) with resilient networking and offline-first UX.
- Integrated the banking APIs; structured a modular codebase for maintainability.

More projects & details on gimesha.dev.

COURSES

- CS50x: Introduction to Computer Science (2025) • IBM AI Engineering Specialization — Coursera (2025)

LEADERSHIP

- National Cadet Corps (2016–2020) — progressed to Sergeant; led junior cadets, coordinated events/logistics.