

GEETHIKA DILSHAN JAYARATHNA

CONTACT

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ONLINE
LinkedIn • **GitHub**
gdj.engineer

CORE SKILLS

Java • TypeScript • JavaScript
React • JavaFX • Tailwind CSS
Node.js • Express • REST APIs
MongoDB • SQLite • API Integration & Configuration
Git • Docker • GitHub Actions
Jest • Vitest • Playwright • JUnit

EDUCATION

Bachelor of Information Technology
University of Colombo School of Computing
Level II • Semester III
Expected completion: 2028

QUALIFICATIONS

NVQ Level 4 Course
Vocational Training Center, Padukka
Basic Hardware Course
Vocational Training Center, Pahathgama

LANGUAGES

Sinhala — Fluent
English — Intermediate

INTERESTS

PC building & repair
Physics
Travelling
Gaming

PROFILE

Bachelor of Information Technology undergraduate currently in Level II, Semester III, with hands-on project experience in full-stack web development and Windows desktop systems. Builds personal applications with Java, JavaFX, TypeScript, React, Node.js, Express, MongoDB, SQLite, REST APIs, automated testing, and CI workflows.

PREVIOUS EXPERIENCE

South Asia Textiles Limited, Pugoda — **1 year**

Testing Laboratory
Previous service within the company testing-laboratory environment.

Sri Lanka Ports Authority — **6 months**

Information Systems Division
Previous service within the Information Systems Division.

SELECTED PROJECT EXPERIENCE

DIM - Do IT for Me

Dec 2025 - Present

Solo Developer | Java, JavaFX, SQLite, Hibernate/JPA, Gradle

- Developing an end-to-end Windows workbench that automates recurring teaching operations across scheduling, students, attendance, materials, recordings, publishing, and communication.
- Implemented provider integrations, recording assignment and recovery flows, OBS/libobs capture support, Telegram/WhatsApp workflows, automated tests, CI, and Windows packaging.

BRO UnifiedOS

Apr 2025 - Present

Independent Full-Stack Project | React, TypeScript, Node.js, Express, MongoDB

- Building a multi-tenant business platform covering POS, inventory, accounting, CRM, HRM, payroll, projects, vendors, warehouse management, marketplace, and reporting.
- Implemented tenant-scoped APIs, role and subscription guards, vendor workflows, barcode/SKU scanning, POS accounting, WebSocket and webhook flows, responsive UI foundations, and automated testing.

InterviewIQ

Sep 2025 - Present

Personal Full-Stack Project | React, TypeScript, Backend APIs, Audio Processing

- Built an AI-assisted mock-interview application with authentication, guided sessions, live transcripts, generated interviewer questions, audio playback, and speech transcription.
- Improved text-to-voice synchronization, browser and local-runtime fallback behavior, environment validation, and test coverage across frontend and backend components.

OpenModemRescue

May 2026 - Present

Public Open-Source Project | Python, PowerShell, JSON Schemas, GitHub Actions | GitHub

- Developed a community-driven modem recovery toolkit with profile-based Windows/Linux diagnostics, safe report classification, multi-brand device catalogs, payload and schema validation, automated tests, CI, and release-package safety checks.

ACADEMIC FOUNDATION

Relevant coursework: Software Engineering, Database Systems, Programming, Web Application Development, Mathematics for Computing, and Free and Open-Source Software.