

SENAL RIDMILA

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ABOUT ME

Ambitious and dedicated undergraduate pursuing a BSc (Hons) in Network and Mobile Computing at Horizon Campus. Skilled in working under pressure and adapting to various challenges with a positive attitude. Passionate about software development and experienced in programming, with a strong desire to expand knowledge in development related roles.

AREA OF EXPERTISE

- Languages: Java, Python, JavaScript, PHP
- Frontend: React, Next.js, React Native, HTML, CSS, Tailwind CSS
- Backend: Spring Boot, Node.js, Express.js
- Databases: MySQL, MongoDB
- Tools: Docker, Git/GitHub, AWS (EC2), Figma

EDUCATION

Horizon Campus

BSc (Hons) in Network and Mobile Computing
– (2021 present)

H/DEBARAWEWA CENTRAL COLLEGE

GCE Advance Level (2017-2019)

SOFT SKILLS

- Self-motivated
- Creativity
- Quick Learner
- Team oriented
- Critical Thinking
- Leadership

CERTIFICATION

- Create a Supermarket app using Java OOP - Coursera (2024)
- Data Structures & Backend with Java - Coursera (2025)
- Real World Projects with Java 11 - Mind Luster (2024)
- Python Programming - UST (2024)

PROJECTS AND RESEARCH

Car Rental Management System (University 2nd Year Project)

Developed a Java Swing and MySQL-based system following MVC architecture. Features modules for user login, car registration, and rental processing with a JDBC-connected GUI.

Ayurveda Wellness App (University Final Year Project)

React Native mobile app connecting patients with Ayurvedic doctors using Expo, Firebase, and TypeScript. Features appointment booking, AI symptom checking, and email notifications.

SLT Tire Management Project

Full-stack system with a React frontend and Java backend for managing tire service requests. Utilizes Docker and Vercel for deployment, streamlining request submission and processing.

WorkConnect - Job Marketplace

Built a MERN stack marketplace deployed on AWS EC2 using Docker. Includes real-time chat via Socket.io and production-level security configurations for gig-based connections.

Virtual Fitting App [↗](#)

Interactive app built with Next.js, Tailwind CSS, and TypeScript. Features real-time UI components, reusable hooks, and an App-Directory setup for virtual try-on experiences.

Pet Toy Shop [↗](#)

Full-stack e-commerce platform using Spring Boot, React, and MongoDB. Implements a containerized architecture with Docker and CI/CD pipelines via GitHub Actions.

AI-Powered Personal Portfolio & Chatbot [↗](#)

Responsive portfolio built with React, Tailwind, and Python (FastAPI), featuring a custom AI assistant powered by Google Gemini.

REFERENCES

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