

Thanuja Priyadarshane

Software Engineering - Intern | Java, Golang, Javascript, Python

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Profile

Adaptable and motivated Computer Science undergraduate with hands on experience in Software Engineering and a strong interest in Problem Solving. Quick to learn, passionate about innovation, and eager to contribute to real world projects in dynamic, tech driven environments.

Education

Bachelor of Computer Science

University of Ruhuna

2021 – present | Matara, SL

Current GPA - 3.47

G.C.E Advanced Level

Dharmapala Vidyalaya

2020 | Pannipitiya, SL

Physical Science Stream (Z-Score 1.4028)

Diploma in Information & Communication Technology

ESOFT Metro Campus

2019 | Colombo, SL

Skills

Programming Languages

Java, Golang, Javascript, Python

Frameworks and Libraries

Springboot, Gofiber, Express.js, Flutter, React.js

DevOps & Automation Tools

Git, Docker, Kubernetes, Github Actions, Terraform

Database Management Systems

MySQL/RDS, Oracle PL/SQL, MongoDB

Cloud Services

Amazon Web Services(AWS), Google Cloud Platform(GCP)

References

Mr. Dilina Weerasinghe, Software Engineer, IFS , A&D
+94 70 325 9913

Mr. Bhanuka Ekanayaka, Software Engineer,
IFS, Manufacturing
+94 76 745 4068

Projects

MosQguard – Final Year Project

Flutter, React.js, SpringBoot, Express.js, MySQL, AWS, GitHub Actions

- Developed a dual-platform public health reporting system enabling real-time disease alerts, citizen complaints, and PHI/MOH response coordination.
- Implemented automated CI/CD pipelines with GitHub Actions and AWS, improving deployment efficiency by 60%.
- Integrated scalable RESTful services and cloud-hosted MySQL to ensure secure, 24/7 uptime for public access.

ShipZen – Vessel Operations & Port Management Mobile App

Flutter, SpringBoot, GitHub Actions, AWS RDS, GCP

- Engineered a cross-platform mobile app for real-time tracking of ship operations including cargo, goods, and passenger management.
- Integrated Google APIs for geolocation-based updates, reducing manual data entry by port workers by 70%.
- Enabled secure backend operations and real-time sync across devices using Spring Boot and AWS RDS.

Ceylona – E-Commerce Mobile App (Client Project, Ongoing)

Flutter, Express.js, Golang, Firebase Auth, JWT, AWS RDS, AWS S3

- Built a scalable, mobile-first ecommerce app showcasing Sri Lankan products, with integrated user authentication and real-time order tracking.
- Created an admin dashboard for inventory and order management, enabling efficient fulfillment workflows.
- Leveraged AWS S3 and RDS to securely manage media and transactional data, achieving 99.9% uptime.

JobSage – AI-Powered Job Matching Platform (Research Project)

Next.js, Golang (GoFiber), Python, LLaMA API, SpringBoot, REST APIs, JWT

- Designed a microservices-based job platform that parses CVs, generates summaries, and recommends roles using AI (LLaMA).
- Implemented smart caching and asynchronous processing, improving match response times by 80%.
- Combined Next.js frontend with secure JWT-authenticated backend for a seamless, high-performance UX.

Organisations

INSURGEX 1.0

Project Chairperson

Algorithm based Intra University Hackathon

AIESEC in Ruhuna

Team Leader

Ongoing Global Talent (OGT)