

DANUKA NALINDU ARIYARATNE

Associate Software Engineer | Software Engineer

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PROFILE SUMMARY

Fourth-year Software Engineering undergraduate with 1 year of industry experience working in full-stack development roles. Capable of designing, building, and maintaining scalable applications across the stack, with a strong focus on code quality, reliability, and performance. Comfortable working in agile teams, collaborating with cross-functional stakeholders, and adapting quickly to new tools, frameworks, and development environments to deliver production-ready software.

WORK EXPERIENCE

Software Engineering Intern

Creative Software Pvt Ltd | December 2024 – December 2025

- Contributed to end-to-end development of a web application using Angular and Node.js, achieving 100% on-time delivery across 24+ bi-weekly sprint milestones while maintaining clean, scalable code
- Developed and deployed a real-time Socket.IO-based chat system supporting 1,000+ concurrent connections with zero-downtime delivery via cloud-based CI/CD pipelines
- Engineered 25+ robust REST APIs and database collections with comprehensive Swagger documentation, which reduced developer onboarding time by 30%
- Strengthened application quality by maintaining 85% code coverage through unit and integration testing, secure authentication workflows, and proactive collaboration with cross-functional teams, resulting in smoother releases and fewer production defects
- Actively participated in daily Scrums, sprint planning, and retrospectives using Jira and Confluence to track over 100+ tasks throughout the internship

EDUCATION

BSc (Hons) in IT specializing in Software Engineering

Sri Lanka Institute Of Information Technology (SLIIT) | June 2022 - Present

Major: Web development | Minor: Mobile app development and AI&ML

GCE Advanced Level (A/L)

Ananda Maithreya Central College, Balangoda | January 2018 – January 2021

1B's 2C's (Commerce stream)

Worked as Sectional head prefect in school and executive posts in Buddhist and photographic societies

CORE COMPETENCIES

Frontend: Angular.js, React.js, HTML, CSS, SCSS, Tailwind CSS, Material UI, Bootstrap

Backend: Node.js, Express.js, Java, .NET, Kafka, WebSockets/Socket.io

Databases: MongoDB, MySQL, SQLite, Oracle

DevOps & Deployment: CI/CD pipelines, Bitbucket pipelines, Docker, Vercel, Render

Testing: Jest, Jasmine, Karma, Cypress, Selenium, Postman

Tools and Other: Git, GitHub, Bitbucket, Swagger, Agile (Scrum), Jira, Confluence, AI & ML, Figma, Webpack

CERTIFICATIONS

- HackerRank certification in JavaScript (Basic)
- HackerRank certification in JavaScript (Intermediate)
- HackerRank certification in React.js (Basic)
- HackerRank certification in Angular.js (Basic)
- HackerRank certification in Java (Basic)
- Introduction to Microsoft Azure
- SoloLearn certification in C++
- Elocution all island finalist

PROJECTS

- **Reservelt:** Responsive Multi service booking platform with real-time chat with 150+ automated test cases & API documentations (Angular.js, Node.js, Socket.io, Swagger, Karma, Jasmine)
- **EasyEats:** Online food ordering system implementing Microservices architecture using MERN stack and Kafka to decouple order processing and notification services. Utilized Docker for containerization
- **MoneyMate:** Personal finance tracker API (Node.js)
- **Pinnacle:** Game purchasing and streaming platform (MERN stack)
- **EV Charging Application:** EV Owner services (Kotlin mobile app) and admin control system (.NET, React.js, IIS server)
- **Your Way:** Car rental system (HTML, CSS, JavaScript, PHP, MySQL)
- **Art Treasures:** Artwork selling system (HTML, CSS, JavaScript, Java)
- **iShop:** Shopping assistance for visually impaired users with text-to-speech functionality (Flutter)
- **Healthcare Project:** Online appointment booking system (MERN stack)
- **Mobile Applications:** Snake game, Aqua Wings flying game, To-Do List app, Soft skills development app (Kotlin, Flutter)

REFERENCES

Sithum Meegahapola

Associate Technical Lead

Creative Software Pvt Ltd

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Professor (Dr.) S. Vasanthapriyan (Ph.D, SMIEEE)

Dean, Faculty Of Computing

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