

Pasindu Geevinda

Software Engineer

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Portfolio: pasindugeevinda.com

Professional Summary

- Accomplished Full-Stack Software Engineer with 4+ years of experience crafting scalable web applications using React, Node.js, AWS, and MongoDB in ERP and e-commerce domains.
- Spearheaded Agile-driven projects, streamlining HR operations by 50% and enhancing system performance by 80% with cloud-native architectures.
- Proficient in UI/UX design, DevOps methodologies, and machine learning, pursuing a BEng (Hons) in Software Engineering at the University of Westminster, UK.
- Active IEEE member and Esport contributor at IIT, advancing software innovation through collaboration.

Technical Skills

- React, Node.js, AWS, Google Cloud Console, MongoDB
- Python, JavaScript, TypeScript, Java
- RESTful APIs, GraphQL, Spring Boot, Express.js
- Tailwind CSS, Framer Motion, Shadcn, Three.js, React Konva
- Agile, DevOps, UI/UX Design, Machine Learning
- MERN, FERN, Zustand, Konva Canvas, node-cron

Key Achievements and Projects

- **Runner-Up, DevQuest Codefest 2025 (SLIIT):** Crafted a responsive UI with React, Tailwind CSS, and Framer Motion, securing second place in a national competition.
- **Finalist, UI/UX Designathon, Open Hack 2.0 (02/2023):** Designed an intuitive interface using Shadcn and Tailwind CSS, advancing Team Alpha Squads to the finals.
- **Finalist, DevQuest Codefest 2023 (SLIIT):** Formulated a Python-based algorithm, showcasing analytical precision in a competitive setting.
- **ERP HR System (VogueTex):** Architected a React-based frontend with React Konva and Zustand, improving HR data accuracy by 40% and streamlining workflows.
- **Pet Care Platform (Onibots):** Engineered a real-time pet mood tracking system on AWS using Node.js and MongoDB, enhancing user engagement by 80% and improving pet owner satisfaction scores by 25%.
- **LandPulse Price Prediction:** Developed a Random Forest model for precise land price forecasting, integrated with a user-friendly web interface.

Work Experience

VogueTex (Pvt) Ltd, Weligama (11/2024–Present) - Software Engineer

- Constructed an ERP HR frontend using React, React Konva, Zustand, and Tailwind CSS, accelerating HR operations by 50% and enhancing data retrieval efficiency.
- Optimized AWS-based transport modules, slashing resource usage by 30% through strategic code refinements.
- Deployed automated testing frameworks for Agile teams, increasing test coverage by 30% and reducing manual testing by 10 hours weekly.
- Guided Agile sprints, delivering projects 20% ahead of schedule while maintaining code excellence.

Refcoins (Pvt) Ltd, Sri Lanka (01/2024–11/2024) - Associate Software Engineer

- Designed responsive e-commerce interfaces with React, Tailwind CSS, and Shadcn, integrating GraphQL APIs to cut API response time by 25%.
- Established testing protocols on Google Cloud Console, reducing bugs by 25% and strengthening system stability.
- Enhanced user retention by 15% with seamless Framer Motion animations, delivering engaging interfaces.
- Streamlined CI/CD pipelines, speeding up deployment cycles by 20% and ensuring consistent feature rollouts.

Onibots (Pvt) Ltd, Sri Lanka (04/2023–01/2024) - Associate Software Engineer

- Pioneered a pet care platform with Node.js and node-cron, automating adoption tracking and boosting system scalability by 80%.
- Created interactive 3D interfaces using React, Next.js, and Three.js, increasing user interaction by 20%.
- Mentored interns, elevating code quality by 25% through detailed reviews and hands-on training.
- Orchestrated scheduling with node-cron, eliminating 15 hours of manual oversight weekly and optimizing operations.

HCL (Pvt) Ltd, Sri Lanka (02/2022–01/2024) - Associate Software Engineer

- Built enterprise applications with Spring Boot, Angular, and React, delivering scalable solutions for global clients.
- Enhanced Agile workflows, cutting delivery time by 15% and improving team productivity.
- Collaborated across cross-functional teams, ensuring software aligned with client requirements.
- Integrated monitoring tools, reducing downtime by 10% and optimizing system performance.

Certifications

- LinkedIn Learning: UI/UX Design
- LinkedIn Learning: Web Development
- LinkedIn Learning: Cloud Computing

- HackerRank: Python (Basic)

Additional Achievements

- IEEE Member, contributing to software engineering research and innovation.
- Esport Member, IIT, showcasing strategic thinking in competitive gaming.
- Pioneer Member, School Media Unit, supporting ITN's Madya Pradeepa programme.

Education

BEng (Hons) in Software Engineering

IIT, University of Westminster, UK 2021–2026 (Expected)

- Relevant Coursework: Cloud Computing, Machine Learning, UI/UX Design
- Capstone Project: Developed a Random Forest-based land price prediction model with a responsive web interface.

Software Development Training

Techbee, HCL Technologies 2022–2023

- Completed rigorous training, achieving top marks in assessments.

GCE Advanced Level

Siridhamma College, Galle 2018–2020

- Grades: Combined Mathematics (B), Physics (C), Chemistry (B).

Languages

- Sinhala (Native), English (Fluent)