Pasindu Geevinda

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SUMMARY

Full-Stack Software Engineer with 4+ years of experience building scalable ERP and e-commerce apps using React, Next.js, .NET, and AWS. Skilled in UI/UX, DevOps, Machine Learning and cloud-native development.

EXPERIENCE

Associate Software Engineer

HCL (Pvt) Ltd   **February 2022 – Present, Sri Lanka**

· Developed scalable enterprise applications using .NET, Next.js, and React for global clients, integrating monitoring tools to reduce downtime by 10% and boost system performance.
· Led backend engineering of microservices with Node.js and AWS Lambda, supporting 1M+ monthly transactions and achieving 25% faster response times with 99.9% uptime.
· Improved Agile workflows and cross-functional collaboration, cutting delivery time by 15%, aligning software with client requirements, and streamlining frontend-backend communication via secure RESTful APIs.

Software Engineer

VogueTex (Pvt) Ltd   **November 2024 – May 2025, Weligama**

· Built a high-performance ERP HR frontend using React, React Konva, Zustand, and Tailwind CSS, accelerating HR workflows by 50% and improving data retrieval speed.
· Refined AWS-based transport modules, reducing resource consumption by 30%, and implemented automated testing frameworks that increased coverage by 30% while saving 10+ manual testing hours weekly.
· Embraced Scrum practices to manage sprints, resolve blockers, and ensure timely releases with rigorous code reviews and Git-based version control.

Associate Software Engineer

Refcoins (Pvt) Ltd   **January 2024 – November 2024, Sri Lanka**

· Designed responsive e-commerce UIs using React, Tailwind CSS, and Shadcn, integrating GraphQL APIs to reduce response times by 25% and boost performance.
· Improved system stability by 25% through testing protocols on Google Cloud Console, while enhancing CI/CD pipelines to accelerate deployments by 20%.
· Increased user retention by 15% with smooth Framer Motion animations and implemented secure Firebase authentication workflows to minimize access vulnerabilities.

PROJECT

Hotel Floor Management System

SaaS Prototype · github.com/LuciferDIot/Floor-Management-System · March 2025 – Present
· Architected drag-and-drop venue planner supporting 200+ simultaneous furniture elements.
· Engineered real-time reservation system reducing table configuration time by 65% in user tests.
· Implemented duplication algorithms enabling 10x faster floor plan replication for chain hotels.

React Timeline Scheduler

Open Source Library · github.com/LuciferDIot/react-timeline-scheduler · February 2025 – Present
· Building production scheduling npm package targeting 10k+ potential manufacturing users.
· Solved rendering challenges for 100+ concurrent tasks through virtualized Konva Canvas implementation.
· Developed custom Framer Motion animations improving task visualization efficiency by 35%.

3D Portfolio Website

Personal Showcase Project · www.pasindugeevinda.com/projects · November 2023 – December 2024
· Developed full-stack interactive portfolio handling 500+ monthly visitors with 95% uptime.
· Engineered 15+ 3D components using Three.js, reducing load time by 40% through WebGL optimization.
· Implemented responsive design supporting 50+ device types with consistent Lighthouse performance score >90.

LandPulse Prediction Engine

Startup MVP · land-pulse-movindu-gs-projects.vercel.app/ · September 2023 – August 2024
· Integrated Google Maps + Cloud APIs processing 500+ geospatial features per property valuation.
· Trained Random Forest model achieving 87% price accuracy against Sri Lankan registrar data.
· Reduced manual appraisal time from 3 hours to 15 minutes per listing during pilot tests.

EDUCATION

BEng (Hons) in Software Engineering

IIT, University of Westminster, UK · 2021-2026 (Expected)
· Relevant Coursework: Cloud Computing, Machine Learning, UI/UX Design.

AWARDS & HONORS

DevQuest Codefest
SLIIT · 2025
· Crafted a responsive UI with React, Tailwind CSS, and Framer Motion, securing second place in a national competition.

UI/UX Designathon
Open Hack 2.0 · 02/2023
· Designed an intuitive interface using Shaden and Tailwind CSS, advancing Team Alpha Squads to the finals.

DevQuest Codefest
SLIIT · 2023
· Formulated a Python-based algorithm, showcasing analytical precision in a competitive setting.

INVOLVEMENT

Technical Content Creator
Medium Publications · August 2024 – Present
· Published 5+ articles on MERN stack optimizations and React performance tuning.
· Achieved 50k+ cumulative reads with 3 features in "Top Web Dev Stories".
· Built subscriber base of 140+ developers through actionable React tutorials.

Top Contributor & Technical Advisor
N/A (Global Online Platform) · StackOverflow Community · September 2021 – Present
· Provided 5+ accepted solutions for React, Node.js, and AWS issues, maintaining 95% answer acceptance rate.
· Earned "Silver Badges" in JavaScript and React categories through expert technical guidance.
· Curated community wiki content on MERN stack best practices with 50k+ views.

Open-Source Maintainer
N/A (Global Online Platform) · GitHub & npm · September 2021 – Present
· Published 3+ reusable React UI components (form validators, animated loaders).
· Maintained 2 npm packages with 1,500+ monthly downloads.
· Resolved 50+ GitHub issues and merged community PRs for accessibility improvements.

Active Member & Contributor
Informatics Institute of Technology · IEEE, IIT Chapter · September 2021 – September 2023
· Collaborated on 3+ software innovation projects, contributing to full-stack development and deployment.
· Led a team of 3+ in national hackathons, earning 2 runner-up awards for web apps.
· Co-authored 2 technical publications on UI/UX, presented in university with 100+ attendees.

SKILLS

Frontend & UI/UX: React, Next.js, TypeScript, JavaScript (ES6+), HTML5, Responsive Design, Tailwind CSS, Shadcn UI, Material-UI, Bootstrap, Styled Components, Framer Motion, Three.js, React Three, React Konva

Backend & APIs: Node.js, Express.js, Python, Java, Spring Boot, .NET, ASP.NET, Flask, RESTful APIs, GraphQL, Zustand, node-cron

Cloud & DevOps: AWS (S3, ECS), Google Cloud Platform (GCP), Vercel, GitHub Pages, CI/CD, Agile, DevOps

AI/ML & Data: Machine Learning, Deep Learning, Neural Networks, TensorFlow, PyTorch, Random Forest, MongoDB

Languages & Tools: Python, Java, JavaScript, TypeScript, Babel, Git