



DHANUKA RATHNAYAKA

Junior Software Engineer

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SUMMARY

Self-motivated and detail-oriented IT graduate (awaiting graduation in March) from SLIIT, with over 1 year of hands-on experience gained through a 6-month Software Engineer internship and multiple real-world project contracts. Specialized in frontend development with strong proficiency in React, Next.js, Tailwind CSS, and responsive UI design. Experienced in collaborating within agile teams, solving real business problems, and translating design mockups into high-quality user experiences. Actively building production-ready applications and continuously expanding expertise in modern web technologies and product-focused development.

WORK EXPERIENCE

Intern Software Engineer - Microweb Global Pvt Ltd

- Contributed to the development of a real estate classified web application, Lanka Property, using Next.js, React, Tailwind CSS, and Express.js.
- Collaborated closely with UX/UI designers to translate Figma designs into responsive, pixel-perfect user interfaces.
- Integrated frontend components with backend APIs and SQL database queries, enhancing search and listing functionalities.
- Participated in agile sprints, code reviews, and version control (Git), gaining hands-on experience in real-world software engineering workflows.
- Strengthened problem-solving skills by addressing production bugs, optimizing performance, and ensuring cross-browser compatibility.

Web Application Developer - CORN

- Designed and developed a full-featured e-commerce web application for Corn Mobile, enabling online product browsing, ordering, and customer management.
 - Built a secure and scalable admin dashboard to manage products, categories, pricing, inventory, and customer orders efficiently.
 - Implemented role-based admin operations, allowing controlled access for business management tasks and operational workflows.
 - Integrated backend APIs and database logic to ensure reliable data handling, order processing, and system performance.
 - Collaborated closely with the client to gather requirements, deliver features iteratively, and ensure the application met real-world business needs.
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EDUCATION

BSc(Hons) in Information Technology -SLIIT

- Sri Lanka Institute of Information Technology- SLIIT (completed)
- GPA 3.2
- Relevant coursework: Web Application Development, Human-Computer Interaction, Database Systems, Software Engineering

PROJECTS

Corn Mobile – E-commerce Web Application (Real Client Project)

<https://cornelectronics.com/>

<https://github.com/Dhanuka001/corn-ecommerce>

- Developed a production-ready e-commerce web application using Next.js for the frontend and Express.js for backend APIs, tailored to Corn Mobile's business requirements.
- Implemented comprehensive admin operations, including product management, order handling, and inventory control to support daily business workflows.
- Containerized the application using Docker and deployed it on a Linux VPS, ensuring environment consistency, scalability, and reliability.
- Set up GitHub Actions CI/CD pipelines to automate build, test, and deployment processes, enabling fast and reliable updates to the live system.
- Worked directly with the client to gather requirements, deliver iterative improvements, and maintain a stable, secure, and maintainable production system.

GodakPin.lk - Free Item Sharing Platform (Sri Lanka-focused)

<https://godakpin.dhanuka.dev/>

<https://github.com/Dhanuka001/godak-pin>

- Designed and developed a classified-style web application enabling users to list and discover free items, promoting reuse and community sharing across Sri Lanka.
- Built the frontend using React, delivering a responsive and user-friendly interface optimized for everyday users.
- Developed RESTful backend services with Express.js and MongoDB to handle user accounts, item listings, and data management efficiently.
- Implemented core platform features such as item posting, browsing, search, and category-based filtering to enhance usability and engagement.
- Focused on scalability and maintainability by structuring the application as a modern full-stack MERN-style project, suitable for real-world growth.

TECHNICAL SKILLS

Languages & Markup: JavaScript, TypeScript, java, HTML5, CSS3, SQL, Python

Frontend: React.js, Next.js, Tailwind CSS, Flutter, Framer Motion, Responsive Design

Backend & APIs: Node.js, Express.js, Flask, RESTful APIs, JWT Authentication, OAuth 2.0

Databases: MongoDB, MySQL, PostgreSQL

Tools & Platforms: Git, GitHub, VS Code, Postman, Vercel, Firebase, Netlify, Docker

Design & Prototyping: Figma, Adobe Illustrator

SOFT SKILLS

- **Problem Solving:** Strong analytical skills with the ability to debug and resolve technical issues efficiently.
- **Communication:** Experienced in client communication through freelance projects and team collaboration in agile environments.
- **Adaptability:** Quick to learn new technologies and frameworks, with a proactive attitude toward evolving project needs.
- **Team Collaboration:** Worked closely with cross-functional teams including designers, backend engineers, and QA during internship.