

KAWEESHA NETHMINA

Software Engineer | Full Stack Developer

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Profile Summary

Software Engineering undergraduate specializing in full-stack and mobile application development. Skilled in building scalable applications with React.js, Next.js, Node.js, Spring Boot, MongoDB, and PostgreSQL. Experienced in RESTful APIs, microservices, and performance optimization. Proven leadership as Team Lead managing 50+ members, with expertise in Agile, Git, CI/CD, and code reviews.

Skills

- **Programming:** JavaScript, TypeScript, Java, Python
- **Frontend:** React.js, Next.js, Tailwind CSS, Material UI
- **Backend:** Node.js, Express.js, Spring Boot
- **Mobile:** React Native, Flutter
- **Databases:** MongoDB, MySQL, PostgreSQL, Firebase
- **Tools:** Git, Docker, Kubernetes, CI/CD
- **Testing:** Jest, Cypress
- **Other:** REST APIs, Redux, Context API, n8n

Work Experience

Software Engineering Intern | Gamage Recruiters | Remote | *Aug 2025 – Feb 2026*

- Built and deployed scalable mobile and web applications supporting 1,000+ active users.
- Optimized mobile performance, reducing response latency by 30% and achieving 95+ Lighthouse score.
- Formulated and integrated RESTful APIs and microservices, improving backend efficiency by 25%.
- Reduced database query time by 35% through schema optimization.
- Progressed from Mobile Team Lead → Assistant Team Lead → Team Lead, managing 50+ cross-functional members.
- Led Agile sprint planning, code reviews, and architectural standardization, accelerating delivery by 20% and reducing defects by 40%.

Education

BSc (Hons) in Information Technology Specializing in Software Engineering

Sri Lanka Institute of Information Technology | *Feb 2023 - Feb 2027 (Expected)*

- Major: Web Development | Minor: Machine Learning

Technical Projects

Platoo – Online Food Ordering System | Team Lead & Full Stack Developer

- Architected microservices to handle 10,000+ monthly orders with 99.9% uptime.
- Engineered decoupled core services (User Management, Order Management) using Node.js and Express.js.
- Integrated Stripe Payment with Spring Boot, enabling secure payment processing with 0 transaction failures.
- Implemented high-performance Next.js frontend integrated with MongoDB, reducing page load time by 35%.
- Containerized services via Docker and deployed with Kubernetes.

Resort Aurora – Hotel Management System | Team Lead & Full Stack Developer

- Developed HRMS supporting 5,000+ employee records, improving query performance by 60%.
- Designed responsive UI with React.js, TypeScript, and Material UI, increasing booking workflow efficiency by 25%.
- Managed version control and collaborative workflows via Git for seamless integration.

TaskLink – Collaborative In-Code Task Tracker (VS Code Extension) | Owner & Developer

- Built modular VS Code extension in TypeScript converting inline comments into real-time tasks.
- Reduced manual task tracking time by 40% across development teams.
- Created local JSON-based storage architecture with Git version control, streamlining onboarding by 25%.
- Launched interactive task management UI with structured tree views (TODO, IN_PROGRESS, DONE).
- Improved extension processing speed by 45% with asynchronous file scanning and synchronization.

Certifications

- AI/ML Engineer - Stage 1 | Centre for Open and Distance Education – SLIIT
- AI/ML Engineer - Stage 2 | Centre for Open and Distance Education – SLIIT
- n8n - No Code AI Agent Builder certification | Simplilearn
- MongoDB Atlas Administration | MongoDB
- DITEC - Diploma in Information Technology | E-soft Metro College, Rathnapura
- Diploma in English | British Way English Academy