

# ISIRA UDARA GAMLATH

BSc (Hons) Information Technology Undergraduate

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## PROFESSIONAL SUMMARY

Third-year Information Technology undergraduate at Sri Lanka Institute of Information Technology with hands-on full-stack development and cloud deployment experience using React, Next.js, Node.js, Express.js, MongoDB, Java, and Spring Boot. Skilled in REST API development, secure authentication, role-based access control, database management, Docker containerization, CI/CD automation, and AWS deployment. Experienced in Agile team collaboration, technical documentation, and problem-solving. Seeking a Software Engineering, Full-Stack Development, or DevOps internship to apply technical knowledge and grow within an industry team.

## EDUCATION

### Bachelor of Science (Hons), Information Technology

2023 – 10/2027

Sri Lanka Institute of Information Technology (SLIIT)

Relevant Coursework: Software Engineering, Object-Oriented Programming, Mobile Application Development, Database Systems, Computer Networks, Programming Applications & Frameworks

### G.C.E. Advanced Level (Physical Science Stream)

2013 – 2022

Bandaranayake College, Gampaha | Results: 2S, 1C

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, TypeScript, C++, C#, PHP, Kotlin, SQL, HTML, R

**Web & Frameworks:** React.js, Next.js, Node.js, Express.js, Spring Boot, Tailwind CSS, HTML5, MVC, GSAP, Framer Motion

**Databases:** MongoDB, MySQL, PostgreSQL, Mongoose

**Cloud & DevOps:** AWS, Amazon ECS, Amazon ECR, Docker, GitHub Actions, AWS IAM, Application Load Balancer

**Networking & OS:** TCP/IP, Cisco Packet Tracer, Linux (Ubuntu, CentOS, Fedora)

**Tools:** Git/GitHub, Postman, VS Code, IntelliJ IDEA, Eclipse, Android Studio, Figma, Draw.io, Trello, Apache Tomcat, VMware Workstation

## CERTIFICATIONS

MongoDB Data Modeling Path | Microsoft Azure Essentials | AWS Cloud Practitioner Essentials (Ongoing) | AI/ML Engineer – Stage 1 (Ongoing)

## PROJECT EXPERIENCE

### Simple Site — CI/CD & AWS Deployment

Aug 2026

Next.js, Docker, GitHub Actions, Amazon ECR, Amazon ECS Fargate, AWS IAM

- Built and containerized a Next.js application with Docker and deployed it to Amazon ECS Fargate behind an Application Load Balancer
- Automated the deployment workflow with GitHub Actions to lint, build, push Docker images to Amazon ECR, update ECS task definitions, and deploy new revisions on every push to main
- Configured AWS IAM/OIDC authentication, ECS permissions, security groups, target groups, and ALB health checks while troubleshooting deployment and networking issues

### Smart Campus Operations Hub

Jan 2026 – Mar 2026

Java, Spring Boot, React.js, MongoDB, JWT, OAuth 2.0

- Broke down campus operations into booking, maintenance-ticket, and notification modules to manage complexity across student, staff, and admin roles
- Built secure REST APIs with role-based access control and Google OAuth 2.0 authentication, protecting confidential booking and user data
- Tracked implementation tasks and bug fixes using GitHub Issues throughout development

### BrainLink – Study Group Hub

Mar 2026 – May 2026

Java, MongoDB, Express.js, React.js, Node.js, JWT

- Built a Kuppi session-scheduling system supporting join/cancel actions and status tracking for online and physical sessions
- Used Cursor (AI-assisted coding) to speed up REST API development and debug logic issues, then validated behaviour with unit and edge-case testing
- Implemented authentication, group management, and notification handling; tracked tasks and bugs on Trello

### AyuManthra – Ayurvedic Medicine & Clinic System

Oct 2025 – Nov 2025

MongoDB, Express.js, React.js, Node.js, Tailwind CSS

- Developed shopping cart and order management with add/remove/update-quantity flows and order-status tracking (ongoing, packed, delivered)
- Integrated secure user authentication and backend database operations to support the full purchase flow
- Tracked feature tasks and bug fixes on Trello during development

### Trending Tokens Dashboard

July 2026

Next.js, React.js, TypeScript, Tailwind CSS, Solana Tracker API

- Built a real-time cryptocurrency dashboard with Next.js App Router, integrating blockchain APIs and Phantom Wallet connections into a responsive UI

### Personal Portfolio Website

April 2026

Next.js, React.js, Tailwind CSS, Framer Motion, GSAP, Vercel

- Designed and deployed a personal portfolio site on Vercel using Next.js, showcasing projects, skills, and experience