KARINDRA GIMHAN

Trainee - Software Engineer

💻Porfolio 💼 Karindra Gimhan ⭕ Karindragimhan49

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SUMMARY

BSc (Hons) **Software Engineering undergraduate** (3rd year, 2nd semester) actively seeking a **Software Engineer internship**. Strong foundation in frontend and backend technologies with hands-on experience building responsive, scalable web applications. Proficient in **JavaScript, React, Next.js, Node.js, Express, .NET, C#, and MongoDB**. Skilled in modern UI frameworks including **Tailwind CSS and Ant Design** for creating clean, user-friendly interfaces. Familiar with cloud platforms such as **Microsoft Azure and AWS.** Passionate about writing clean, maintainable code and focused on delivering excellent user experiences. Eager to grow within a collaborative environment and contribute effectively to real-world development projects.

EDUCATION

Bachelor of Science Honors in Information Technology - Undergraduate   **Jan 2023 - Present**

Sri Lanka Institute of Information Technology
Specialized in Software Engineering.

G.C.E. Advanced Level – Technology Stream   **Aug 2021**
Index Number - 6083609
Shariputre College, Matara

Bio System Technology- C
Science for Technology- B
ICT- S

ADDITIONAL INFORMATION

Soft Skills
- Problem-Solving & Debugging
- Communication & Team Collaboration
- Fast Learner & Self-Motivated

Languages: English, Sinhala

Awards/Activities
- AI Skills Fest Challenge: Migration essentials for Azure and AI workloads Completed   April 2025
- AWS Emerging Talent Community membership   April 2025
- Oracle University Learning Community   May 2025

PROJECTS

DineSwift – **Microservices-based educational platform using Node.js /Express.js (backend) and React**
- Developed a microservices-based food ordering and delivery system using Node.js, Express, MongoDB, and Kafka.
- Built backend services managing users, restaurants, orders, payments, delivery, and notifications.
- Created a responsive **React.js** frontend styled with **Tailwind CSS.**
- Containerized and deployed the application with **Docker** and **Kubernetes** for scalable orchestration.

Country Book Application – Interactive Country Explorer
- Built a responsive React app with user authentication, search, filter, and favorites.
- Integrated REST **Countries API** with interactive **maps** and **real-time local time display**.
- Used localStorage for session management and ensured quality with Jest tests.
- Styled with Tailwind CSS and enhanced UX with Framer Motion animations.

CodeSnippetVault – MERN CI/CD Project cloud deployment
- Built a **full-stack MERN** app (Next.js, Node.js, Express, MongoDB) for storing and managing code snippets.
- Developed REST APIs with **CRUD, search, and filter features** using Express and Mongoose.
- Designed a **responsive frontend** with **Next.js** App Router and Tailwind CSS.
- **Containerized frontend and backend** using optimized **Dockerfiles** and Docker Compose.
- Implemented a **GitHub Actions CI/CD pipeline** to build, push Docker images, and deploy automatically to a **DigitalOcean Ubuntu server**.
- Managed cloud deployment, SSH configuration, and secrets for secure, production-ready delivery.

LinkHub – Serverless MERN App with AWS ECS
- Built frontend with **Next.js** & Tailwind CSS and backend with Node.js, Express, MongoDB (MERN stack).
- Developed LinkHub, a bookmark manager with **user authentication**, link categorization, tags, and notes.
- Containerized with **Docker** and deployed as serverless containers using **AWS ECS & Fargate**.
- Automated infrastructure with **Terraform** (ECR, ECS, ALB, VPC) and implemented GitHub Actions CI/CD for seamless deployment.
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PursePulse – Finance Tracker Backend
- Developed the backend API for PursePulse, a finance tracker with currency conversion features.
- Built with Node.js, Express, and MongoDB to manage user authentication, transactions, budgets, and financial goals.
- Designed robust REST API endpoints to enable efficient financial data management for users.

Automated Linux Server Setup with CI/CD Integration
- Automated deployment of a Node.js app on a Linux server using Bash scripts, systemd, and Nginx.
- Implemented CI/CD pipeline with GitHub Actions for seamless build and deployment.
- Gained skills in Linux administration, Bash scripting, service management, and DevOps practices

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LICENSES & CERTIFICATIONS

- **Microsoft Azure AZ-900 (Fundamentals) -** Knowledge of cloud concepts, core Azure services, security, compliance, pricing, and hands-on Azure Portal and CLI use.

- **GitHub Foundations from GitHub** - DevOps , Continuous Integration and Continuous Delivery (CI/CD), GitHub , Version Control , Git.   Issued Apr 2025 - Expires Apr 2028

- **LFSIOI: Introduction to Linux –The Linux Foundation** Bash Shell, Command Line, File Management, Linux ,Scripting ,System Configuration   Issued Apr 2025

- **Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate By Oracle** - Oracle Cloud Infrastructure (OCD ,Oracle Generative AI , Artificial Intelligence (AI)   Issued Apr 2025

- **AWS Educate Getting Started with Cloud Ops By AWS** - Amazon Web Services (AWS), AWS Cloud, AWS Cloud Ops, Cloud Operations.   Issued March 2025

- **Networking Basics By Cisco -** Network basic, Network Diagnostics ,Network Types   Issued May 2025

- **IBM Cloud Essentials V3 By IBM Cloud -** Cloud Application, Cloud Computing   March 2025

- **Docker Essentials: A Developer Introduction by IBM -** Docker, Docker containerization   March 2025

- **Introduction to Oracle Cloud Essentials by Oracle -** Oracle Cloud, Cloud concept basic, Cloud.   Feb 2025

- **Programming in Python by University of Moratuwa -** Python, Python basic.   Feb 2025

- **SQL and Relational Databases 101 by IBM -** SQL , Relational Databases , PSQL   March 2025

Referees

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