

YUGAN KAVINDA

DevOps Engineer Intern

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🌐 Theekshana Yugan Kavinda

📍 Embilipitiya, Rathnapura District, Sri Lanka

🔄 BlockAce01

💬 MyBlog

🌐 Portfolio

ABOUT ME

Results-driven IT undergraduate, specially interesting in DevOps practices with hands-on experience in CI/CD pipelines, cloud infrastructure, and automation. Proficient in containerization with Docker, infrastructure as code using Terraform, and cloud platforms including AWS. Experienced in building and deploying automated workflows, implementing version control with Git and GitHub Actions, and managing Linux-based systems. Passionate about bridging development and operations to deliver scalable, reliable solutions. Eager to apply technical knowledge and collaborative mindset to contribute to DevOps excellence in a dynamic engineering team.

EDUCATION

Sabaragamuwa University of Sri Lanka | 2023-2027

Bsc Honors in Computing and Information Systems

Current GPA : 3.34

President College Embilipitiya | 2019-2021

G.C.E. Advanced Level

Physical Science Stream : Physics, Combined Mathematics, ICT

WORK EXPERIENCE

Ceylon Effects

2025/08 - Present

Web Developer

Contract, Remote

Regional Development Bank

2022/12 - 2023/05

Banking Internship

Full time, On-site

PROJECTS

MyBlog - Full Stack Deployment (Personal) 📄 🔄

08/2025 - 09/2025

- Built and deployed a MERN-based blog application on AWS Cloud.
- Containerized the app with Docker and configured Nginx as a reverse proxy.
- Created CI/CD pipeline using GitHub Actions for automated build, test, and deployment.
- Configured AWS CloudFront CDN and integrated SSL certificates for secure global access.
- Managed AWS resources using Terraform following Infrastructure as Code principles.
- Implemented IAM Role-Based Access Control (RBAC) for secure team-based resource access.
- Set up monitoring and logging using AWS CloudWatch for performance tracking.

Tech Stack: MongoDB, Express.js, React, Node.js, Docker, Terraform, AWS, Nginx.

Daily Lecture scheduler for Google-calendar (Personal) 📄 🔄

08/2025

- Parsed PDF timetables and synced them with Google Calendar API.
- Deployed workflow using n8n on AWS EC2 with ngrok-secured webhook.
- Configured budget monitoring tools to uptime monitoring with alerts.

Tech Stack: n8n, AWS EC2, Google Calendar API, ngrok, Gmail API, Telegram API

- Collaborated to develop an interactive learning and discussion platform.
- Implemented quiz engine, gamification, and JWT-secured authentication.
- Integrated n8n RAG AI assistant for personalized student support.
- Performed E2E API validation and testing using Postman.

Tech Stack: Next.js, Express.js, PostgreSQL, JWT, n8n, Postman.

OPEN SOURCE CONTRIBUTIONS

maurodesouza/profile-readme-generator 

- Developed a live-editing feature in TypeScript for icon management, directly addressing a user workflow bottleneck in a popular open-source tool.
- Eliminated tab-switching by enabling direct preview edits, significantly streamlining the configuration process and demonstrating a blend of UX and Front-End Engineering.

TECHNICAL SKILLS

- | | | |
|------------------|-------------------------|-------------------|
| • GitHub Actions | • Git Bash | • Web Development |
| • Docker | • Python | • HTML/CSS |
| • Linux | • Automation Testing | • Next.js |
| • Terraform | • Slack | • Express.js |
| • AWS | • API Testing (Postman) | • MongoDB |
| • CI/CD Concepts | • Selenium | • PostgreSQL |
| • Ansible | • Playwright | • n8n Workflow |
| • Kubernetes | • Pytest | Automation |









SOFT SKILLS

- | | | | |
|---|-------------------|-----------------------|----------------|
| • Communication | • Problem-Solving | • Attention to Detail | • Teamwork |
| • Professional Working Proficiency in English | | • Analytical Thinking | • Adaptability |

VOLUNTEERING EXPERIENCE

- Volunteered as an organizing committee member at IEEE Day 2024 SUSL
- Volunteered in the ITECH 2.0 Innovation Exhibition organized by Karagasthalawa M.V.

CERTIFICATES

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| • 100 Days of DevOps (KodeKloud)
– Practicing | • Introduction to Linux – LFS101 (The Linux Foundation)  |
| • Front-End Web Development (University of Moratuwa)  | • KodeKloud Engineer – Docker  |
| • Python Programming (University of Moratuwa)  | • KodeKloud Engineer – Git  |
| • Oracle Cloud Infrastructure 2025 Foundations Associate (1Z0-1085-25)  | • Official ISC2 Certified in Cybersecurity Online Self-Paced Training (ISC2)  |
| | • Crash Course: Linux For Absolute Beginners (KodeKloud)  |

REFERENCES

Miss. S.Adeeba, Lecturer (Probationary),
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