

# Gerard Eklu

## Cloud & DevOps-Focused Software Engineer

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GitHub:[github.com/gerardinhhoo](https://github.com/gerardinhhoo) | Portfolio: [gerardeklu.dev](https://gerardeklu.dev)

### Summary

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Cloud & DevOps-focused Software Engineer with 5+ years of experience building and deploying scalable applications. Strong background in CI/CD automation, cloud infrastructure, and reliability engineering across AWS and GCP. Proven ability to bridge development and operations to deliver secure, automated, and production-ready systems.

### TECHNICAL SKILLS

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- **Cloud Platforms:** AWS (EC2, S3, IAM, ALB, ASG, Lambda and more), GCP (Compute Engine, GKE, VPC, Cloud Storage)
- **Infrastructure as code(IaC):** Terraform
- **Configuration as Management:** Ansible
- **CI/CD & Automation:** Github Actions, Jenkins
- **Containerization & Orchestration:** Docker & Kubernetes
- **Programming:** Javascript, Python( FastAPI, Backend APIs)
- **Monitoring & Observability:** Prometheus, Grafana, CloudWatch
- **Security & DevSecOps:** IAM, HashiCorp Vault, Trivy, Secret Management
- **Scripting:** Bash
- **Version Control:** Git
- **Operating Systems:** Macs, Linux (Ubuntu), Amazon Linux
- **Databases:** PostgreSQL, MongoDB
- **Methodology & Tools:** Agile (Scrum, Kanban), Jira, Confluence

### Experience

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#### ExM Technologies | DevOps & Cloud Engineer

2025 – Present

- Built and deployed cloud applications using **JavaScript-based stacks, AWS Amplify**
- Designed and maintained **CI/CD pipelines** with GitHub Actions for testing, Docker builds, and deployments
- Containerized applications using Docker and standardized environments with Docker Compose
- Improved CI efficiency across a **9+ app monorepo** using caching and path-based change detection
- Collaborated with developers and DevOps teams to enforce best practices across deployment and infrastructure

**The Home Depot | Software Engineer****2019 - 2025**

- Developed and maintained **React and Node.js applications** used in enterprise environments
- Supported **CI/CD pipelines** using GitHub Actions, TeamCity, and Spinnaker
- Worked with DevOps teams to deploy applications on **GCP and Kubernetes (GKE)**
- Supported with **Terraform-based infrastructure automation** and secure secret management
- Supported production deployments and improved application reliability
- Documented Deployment processes with Confluence

**Education & Certifications:**

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- Central Texas College, Information Technology / Computer Science
- AWS Certified Solutions Architect – Associate (SAA-C03) — 2026  
<https://www.credly.com/badges/1d63a978-e270-4da6-a561-571019aa6fbf>

**Languages:**

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English, French, Spanish

**References:**

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Available on demand.