

# RAVINDU DANTHANARAYANA

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 [www.ravindu.cloud](http://www.ravindu.cloud)

 [github.com/ravindu-danthanarayana](https://github.com/ravindu-danthanarayana)

 [medium.com/@ravindudanthanarayana](https://medium.com/@ravindudanthanarayana)



**SUMMARY** Driven **3rd year undergraduate** with a strong passion for **DevOps, Cloud and AI/ML**, who enjoys building smart, reliable and scalable systems. I enjoy learning new technologies, working in team oriented environments and turning ideas into reality. **Currently seeking an internship** where I can learn, contribute and help build meaningful, high impact solutions.

## PROJECTS

**SentiScope** ([Click to view Repo](#))

*MLflow, DVC, Flask, AWS - S3 EC2 ECR, Docker*

An end to end MLOps system that analyzes YouTube comments in real time and delivers instant sentiment insights through an interactive Chrome extension, helping creators understand audience reactions easily.

**DevSecOps Implementation** ([Click to view Repo](#))

*Jenkins, Argo CD-GitOps, SonarQube, Trivy, OWASP, Kubernetes, Terraform-IaC, AWS EKS EC2*

Drop Blocks is a cloud native DevSecOps project built around a modern React based game application to demonstrate secure, scalable and automated software delivery. The project covers containerization, Kubernetes based deployment, versioned releases, CI/CD workflow integration and production style application management. It highlights how a frontend application can move from source code to a running cloud environment with improved reliability, automation and operational consistency, while also serving as a practical hands on learning project for modern software engineering workflows.

**Real Time Kubernetes Logging System** ([Click to view Repo](#))

*EFK Stack, Kubernetes, Helm, AWS EKS EC2 EBS*

Built a centralized Kubernetes logging solution to collect, process, and store container logs across cluster nodes. Configured Elasticsearch for scalable indexing with persistent storage and integrated Kibana for real time visualization, filtering and analysis. Enabled efficient monitoring and faster troubleshooting by ensuring seamless log flow from workloads to dashboards, supporting better observability and operational insights.

**LSTM Stock Price Predictor** ([Click to view Repo](#))

*(LSTM) RNN, TensorFlows, Min Max Scaling*

Developed a deep learning model to forecast financial market trends using historical price data. I engineered a sliding-window data structure to capture time-series patterns and implemented data normalization techniques to improve prediction stability, leveraging Python for end to end time series forecasting and complex data vectorization.

**Cloud Deployed GPA Calculator** ([Click to view Repo](#))

*React, GitHub, CI/CD via Vercel*

Built a simple serverless web application GPA calculator used by many students to quickly calculate their semester GPA. It provides instant results with a clean interface, helping students easily track academic performance and plan improvements.

## TECHNICAL SKILLS

- Devops & Cloud*  
Jenkins, Terraform, Ansible, Docker, Kubernetes, AWS, Azure, Linux, Shell Scripting - Bash, Github Actions, CI/CD, YAML, Prometheus, Grafana
- Version Control*  
Git, Github, Bitbucket, GitLab
- Databases*  
MySQL, MongoDB, Postgresql, Neo4j, OracleDB
- programming languages & frameworks*  
Python, Java, JavaScript, TypeScript, NodeJS, ExpressJS, ReactJS, NextJS
- AI & ML*  
PyTorch, TensorFlow, Scikit learn, Matplotlib, Seaborn, Langgraph, RNN, CNN, Keras
- Collaboration & Productivity Tools*  
Clickup, Trello

## EDUCATION

**Sri Lanka Institute of Information Technology**

BSc(Hons) in IT Specialising in Artificial Intelligence(UG)

**Dharmaraja College - Kandy**

GCE(A/L) - Physical Science Stream

## CERTIFICATIONS

- Kubernetes & Cloud Native Associate(KCNA)|CNCF
- FinOps Certified Practitioner
- Azure Azure Fundamentals (AZ-900)
- AWS Well Architected Proficient
- 100 Days of DevOps/Cloud - Kodekloud
- GitHub Foundations Certification
- OCI Certified Foundations Associate
- Cisco Networking Basics

## EXTRA CURRICULAR ACTIVITIES

- Science society - President 22/23 - DRCK
- Research Unit - Vice President 22/23 - DRCK
- Chess team - Vice caption - DRCK
- IEEE Student Branch - Member - SLIIT

## REFERENCE

**Mr. Nimesha Jinarajadasa**

Associate Solutions Architect at Kodekloud

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**Mr. Chanuka Prabhashange Rajasinghe**

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