



RAVINDU DANTHANARAYANA

Undergraduate at SLIIT · +94773431431 · ravindu.danth@gmail.com

 [linkedin.com/ravindudanthanarayana](https://www.linkedin.com/ravindudanthanarayana)
 www.ravindu.cloud

 github.com/ravindudanthanarayana
 medium.com/@ravindudanthanarayana



SUMMARY Driven **2nd 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

Email : mhnimesh@gmail.com

Phone : +94 70 311 2633

Mr. Chanuka Prabhashange Rajasinghe

Solutions Specialist at hSenid Mobile Solutions (Pvt) Ltd

Email : chanukar@hsenidmobile.com

Phone : +65 85 764 629