OSINDU VIMUKTHI

IT Undergraduate | Data Analytics | Software & Cloud Engineering
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Location: Nawala, Rajagiriya, Sri Lanka

SUMMARY

Motivated IT undergraduate with practical experience in data management, software development, and cloud technologies. Skilled in using Excel and SQL for data cleaning, reporting, and analysis. Completed a Deep Learning-based Stock Market Prediction project using LSTM, GRU, CNN, and ANN models. Demonstrates strong problem-solving ability, attention to detail, and eagerness to learn in dynamic environments. Seeking to contribute technical and analytical skills to the IT Department at John Keells Stock Brokers.

EDUCATION

BSc (Hons) in Information Technology Specializing in Information Technology
Sri Lanka Institute of Information Technology (SLIIT), Malabe
- Expected Graduation: 2026
- Current Semester: 4th Year, 1st Semester

PROFESSIONAL EXPERIENCE

LUMIZO (PVT) LTD - IT INTERN | JUNE 2025 - NOVEMBER 2025
- Developed an **internal Product Portal Web Application (MERN stack)** for staff use, providing centralized access to product pricing, specifications, and technical documents.
- **Contributed to the ERP migration project from Busy ERP to BlueLotus360**, including process documentation, clean and verify data using Excel, and coordination between departments and consultants.
- Supported Busy ERP troubleshooting, resolving issues reported via the internal helpdesk to maintain smooth daily operations.
- Performed IT infrastructure support tasks such as resolving email configuration issues, network connectivity problems, and desktop software troubleshooting.
- Collaborated with cross-functional teams to improve system reliability and user adoption during the ERP transition.
- Strengthened technical skills in web application development, ERP systems, and IT operations within a real business environment.

SKILLS

- Languages : Python, Java, JavaScript, C, C++, SQL
- Front-End: HTML, CSS, React.js, Angular, Tailwind CSS, Flowbite
- Back-End: Spring Boot, Node.js, Express.js
- Databases : MySQL, MSSQL, MongoDB, Oracle
- Tools & Platforms: Docker, Firebase ,Git, GitHub, AWS(EC2, VPC, RDS, ..), Azure
- Others: OOP concepts, Software Development Methodologies, Fundamentals of Networking , Home Automation, OCR Integration, Agile (Scrum)

PROJECTS

Stock Market Price Prediction using Deep Learning Models
- **Technologies: Python, TensorFlow, Keras, NumPy, Pandas, Matplotlib**
- Designed and evaluated LSTM, GRU, 1D-CNN, and ANN models to predict next-day closing prices from OHLCV data.
- Achieved highest accuracy with LSTM, demonstrating strong temporal data modeling capability.
- Conducted data preprocessing, feature scaling, and visual performance comparisons to optimize model accuracy.

Home Inventory Management System
- Led a team of 4 in developing a home inventory system.
- Designed and implemented a Grocery Receipt Scanning feature using OCR (Gemini API).
- Tech Stack : **Gemini API, MERN (MongoDB, Express.js, React, Node.js), Firebase,Tailwind CSS, Redux, Flowbite React**

Skill-Sharing & Learning Platform
- Tech Stack : **Spring Boot, React.js , MySQL, Tailwind CSS, Redux, Flowbite React**

Food Donation System (NourishLanka)
- Led a group of 8 in developing a platform for facilitating fund donations and food distribution/donation event management.
- Tech Stack : **MERN (MongoDB, Express.js, React, Node.js), Tailwind CSS, Redux, Flowbite React**

Grocery Ordering System (QuickCart)
- Led a team to build an online system for grocery ordering and delivery.
- Tech Stack : **JSP, Servlet, Boostrap, Java, MySQL**

Recipe Management System (MealMate)
- Led a team to build an online system for store and manage recipes.
- Tech Stack : **PHP, HTML, CSS, JavaScript, MySQL**

REFEREES

- **Dr. Dinuka Wijendra**
  - Senior Lecturer (HG), Information Technology, Sri Lanka Institute of Information Technology
  - dinuka.w@sliit.lk
- **Mr. Gehan Geethanjana**
  - Efficiency Lead @ IFS R&D International (Pvt.) Ltd Sri Lanka
  - gehan.geethanjana@ifs.com