

DINESH PRIYANTHA

SOFTWARE ENGINEER INTERN

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PROFILE

A dedicated computer science student with strong analytical skills, adaptability, and a passion for innovation and collaboration. I thrive on learning through practical engagement, immersing myself in projects to gain deeper insights. Deeply passionate about free and open-source software, I have a keen interest in distributed systems, cloud computing, and the transformative potential of emerging technologies. My focus is on enhancing my skills in software development, DevOps, and AI/ML, aiming to create innovative and impactful digital solutions in the tech space.

EXPERIENCE

Tech Support Intern | GAOTek Inc.

Oct 2023 - Jan 2024

- Practiced web development with the Bootstrap framework, honing front-end design skills and improving the user experience.
- Strengthened communication, teamwork, and technical problem-solving abilities through practical engagement with cross-functional teams.
- Contributed to troubleshooting and resolving technical issues, ensuring high-quality customer support and system functionality.

EDUCATION

BSc Hons Computing & Information Systems

2023 - Present

Sabaragamuwa University of Sri Lanka

Royal Central College , Polonnaruwa

2019 - 2021

G.C.E Advanced Level 2021

- Physical Science Stream

PROJECTS

Smart Home Electricity Bill Tracker with AI Insights

Github

ongoing

- Currently developing Ceylon Power Tracker, an AI-powered web-based application designed to help homeowners in Sri Lanka manage electricity bills, track consumption patterns, and reduce costs. The system integrates SMS-based bill retrieval from the Ceylon Electricity Board (CEB), automatically extracting bill data and providing real-time insights.
- The application offers AI-driven recommendations for energy-saving tips, identifies high-power appliances, and optimizes usage times. It includes features for appliance usage tracking, bill history, and notifications for unusual bill increases, with deployment on cloud platforms like AWS for scalability.

[Tech Stack : Next.js, Python (Flask/Django), Scikit-learn, MongoDB, Firebase, Twilio API, Node.js]

PriceSense | Smart Price Predictor

Github

- Developed PriceSense, an AI-powered price prediction system that utilizes machine learning to forecast future prices of electronic items like smartphones, laptops, and home appliances, helping users make informed purchasing decisions.
- Integrated real-time data analysis, providing accurate price trends and visual insights through a user-friendly interface, with support for multi-category products and cloud deployment on platforms like Heroku, AWS, or Render

[Tech Stack : Frontend, Python (Flask), Scikit-learn, Heroku]

FinMentor | Smart Expense Tracker [Github](#)

- Developed FinMentor, a cutting-edge expense tracking application that simplifies financial management with AI-powered receipt scanning, automatically extracting details like date, amount, and category to reduce manual entry efforts.
 - Enabled real-time financial insights and transaction tracking, allowing users to easily manage their expenses and gain a clearer understanding of their financial situation.
- [Tech Stack : JavaScript , Next.js , Tailwind CSS, PostgreSQL, Prisma, and Clerk Authentication]

SKILLS

Programming Languages: Python | Java | TypeScript | JavaScript | C
Frameworks: Express.js | Next.js | Node.js | React.js | Django | Flask
Tools & Services: AWS | Git | Jenkins | Docker | Kubernetes | Linux Systems
Database Management: PostgreSQL | MySQL | Firebase Firestore | MongoDB
Technical Fields: DevOps Engineering | Full Stack Development | DevOps | Machine Learning

COURSES AND CERTIFICATIONS

<u>AWS Foundations Certification Amazon Web Services (AWS)</u>	Apr 2025
<u>Fundamentals of DevOps KodeKloud</u>	Feb 2025
<u>Learning Linux Basics Course & Labs KodeKloud</u>	Feb 2025
Semi Finalist HackX 9.0 2024	2024
<ul style="list-style-type: none">• Issued by Industrial Management Science Students' Association, University of Kelaniya	
INSL 2024 Sabaragamuwa Province Finalist	2024
<ul style="list-style-type: none">• Issued by IEEE Innovation Nation Sri Lanka	

HIGHLIGHTS

- Extra Curricular Activity**
- Technical Activities Committee | IEEE WIE SL SAC | IEEE WIE Sri Lanka Section
 - Volunteer at IEEE student branch and IEEE WIE Student Branch Affinity Group of SUSL