

# 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, web application 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

#### ElevateHire AI - Intelligent Recruitment Management Platform

Github

ongoing

- ElevateHire AI is an AI-powered recruitment platform that streamlines the hiring process for HR teams. It features advanced CV parsing, intelligent interview scheduling, and real-time candidate analytics for faster, data-driven hiring.
- The platform supports seamless integration with external calendars, offers secure multi-tenant data isolation, and includes role-based access control. I hope to Built with scalability in mind, it leverages cloud services like AWS and integrates with technologies such as Django, PostgreSQL, and Next.js.

[Tech Stack: Django 5.2, PostgreSQL, Next.js 14, TypeScript, React, Python, JWT Authentication, Tailwind CSS, React Big Calendar, REST APIs, Docker]

#### Smart Home Electricity Bill Tracker with AI Insights

Github

- VoltBuddy is an AI-powered web application helping Sri Lankan households track and optimize electricity consumption. It offers real-time bill calculations, personalized energy-saving tips, and consumption analytics powered by Google Gemini AI.
- Features include tier-based billing, appliance management, real-time tracking, automated notifications, and 24/7 chatbot support. VoltBuddy ensures efficiency and cost reduction for users.

[Tech Stack: React.js, JavaScript, Next.js, Node.js, Express.js, MongoDB, Google Gemini API, JWT, TailwindCSS, Nodemailer, PDF Generation]

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

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

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