

DINOJAN VIVEKANANTHARASA

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PROFESSIONAL SUMMARY

- A Computer Engineering undergraduate with a strong foundation in **software development**, experienced in optimizing **web and mobile applications** and creating responsive user interfaces.
- Seeking an internship opportunity to apply technical skills and contribute to innovative projects in a dynamic software engineering environment starting May 2025.

EDUCATION

BSc.Eng (Honours) in Computer Engineering Nov 2027

Faculty of Engineering, University of Ruhuna, Galle, Sri Lanka

- Relevant Coursework:** Data Structures and Algorithms, Software Engineering Principles, Problem Solving with Algorithms,, Object Oriented Design Patterns, Operating Systems, Network Programming
- Soft Skill Development** (2022–2024)

GCE Advanced Level Aug-2018

V/Vavuniya Tamil Madhya Maha Vidyalayam

TECHNICAL SKILLS

Software Tools and IDEs: Visual Studio, IntelliJ IDEA, VS Code, Eclipse, Git, GitHub, Android Studio, Docker, Jenkins

NON-TECH ABILITIES

Project Management: Workload Balancing, Self-motivated, Flexibility

Leadership: Team Player, Interpersonal Skills, Communication

Creative: Capability to Moderate and Announce

PROJECTS

Automated Paper Grading System Jun 2024 – Present

Next.js, TypeScript, Tailwind CSS, Django, PostgreSQL

- Developed a responsive and user-friendly frontend for a grading automation web app.
- Integrated support for text, Word, and PDF input formats to streamline assessment accuracy.

Library Management System Dec 2024 – Apr 2025

MERN, Docker, Jenkins, AWS, Terraform, Ansible

- Set up Docker containers and automated CI/CD pipelines using Jenkins.
- Deployed system to AWS EC2 with infrastructure as code using Terraform and Ansible.

Personal AI Assistant Web App Apr 2025 – Present

React.js, Node.js, Express, MongoDB, OpenAI API, JWT

- Built a full-stack conversational AI assistant for task management, reminders, and user queries.
- Implemented user authentication, chat history storage, and learning capabilities based on user interactions.

Modern Portfolio Website Mar 2025 – Apr 2025

HTML5, CSS3, JavaScript, Font Awesome

- Designed and developed a clean, responsive portfolio website to showcase projects and skills.
- Implemented dark/light mode toggle, smooth navigation, and a contact form with real-time validation.

File Sharing Application Dec 2024 – Feb 2025

Java, Sockets, Multithreading, Swing

- Developed UI using Swing and implemented concurrent file transfers via Java sockets.
- Focused on reliable data transmission and user-friendly design.

Healthcare Mobile Application

Jun 2024 – Nov 2024

Flutter, Dart, Firebase, C++, Swift

- Designed UI screens for login, dashboards, appointment scheduling, and patient history.
- Integrated Firebase for real-time database and authentication.

Contact Management System

Jan 2024 – May 2024

MongoDB, Express.js, React.js, Node.js

- Created full-stack app for managing contacts with secure login and CRUD functionality.
- Focused on clean UI and responsive frontend using JavaScript, HTML, and CSS.

Hostel Management System

Jan 2024 – May 2024

MySQL

- Designed schema and optimized queries with indexing and performance evaluation.
- Implemented database operations for managing hostel records and allocations.

Phone Book Application

Jul 2023 – Dec 2023

C++

- Implemented contact add/search/delete with stack, map, and queue integration.
- Focused on CRUD operations and efficient data handling.

VOLUNTEER EXPERIENCE

Treasurer

May 2021 – April 2024

All University Students' Development Association, Vavuniya

Member

Sep 2023 – Dec 2024

IEEE Student Branch, Ruhuna, Galle

Member

Apr 2024 – Present

IESL, Galle

Delegate Coordinator - Mock Interview

2023

CCSSD, Galle

Senior Prefect

2017 – 2018

V/V.T.M.M.V, Vavuniya

ACHIEVEMENTS

Participated in **IEEE Xtreme 18.0 (2024)**, a global 24-hour algorithmic coding contest (3-member team)

Competed in **IEEE INSL Southern Provincial Competition**, 30th October 2024

Took part in the **Galle Division FIDE 100 Commemorative Chess Event** (Open Category), 2024

3rd Runner-Up in **Provincial Level Under-19 Boys Chess**, 2015 and 2016

REFEREES

• Dr. Kushan Sudheera

Senior Lecturer, Department of Electrical and Information Engineering, Faculty of Engineering, University of Ruhuna

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• Dr. Nadeesha Sandamali

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