

Vinoth Rasamanickam

Batticaloa | +94 71 946 3683 | vinothrasamanickam@gmail.com

Portfolio: rvinoth11.app | **GitHub:** vinoth1211 | **LinkedIn:** Vinoth-Rasamanickam

Profile

Aspiring Computing and Information Systems undergraduate at Sabaragamuwa University of Sri Lanka, with hands-on experience in full-stack development. Proficient in building responsive web and mobile applications using React, Node.js, Flutter and databases like MongoDB, MySQL, and PostgreSQL. Skilled in software design and development, with a passion for creating user-centric solutions and solving complex problems through innovative technologies.

Education

BSc (Hons) in Computer Information Systems

Faculty of Computing, Sabaragamuwa University of Sri Lanka | August 2023 – Present

Diploma in Computerized Construction Design and Technologies

British College of Applied Studies, Kalmunai | May 2022 – May 2023

G.C.E Advanced Level | Z-Score: 1.1191

St. Michael's College, Batticaloa | 2021

Experience

Full stack Developer (Intern) | Intelligent Software Solutions

September 2025 – November 2025

- Developed and maintained RESTful APIs for a private healthcare booking system using NestJS, Prisma ORM and PostgreSQL, enabling seamless appointment management for patients and consultation professionals, supporting features like scheduling, rescheduling and real-time availability checks.
- Collaborated with cross-functional team to iterate on the MVP, implementing enhancements such as secure authentication (JWT) and data validation, resulting in improved system reliability

Student Volunteer | ICARC – SUSL

February 2025

- Assisted in organizing and managing conference sessions and coordinated with speakers and attendees.
- Contributed to the smooth execution of the event by handling logistics and participation of the participants.

Projects

AuraS (Group) | [Link](#)

- A user-friendly AI skincare application that can help users self-diagnose their skin diseases by image processing.
- My contribution: Integrated Firebase backend and Gemini API chatbot, enabling real-time skin disease diagnosis with 85% accuracy in prototype testing.
- Tech Stack: Flutter, Firebase, Git

Ctrl Room (Group) | [Link](#)

- An application for managing university computer labs with real-time monitoring, complaint tracking, and user management.
- My contribution: Design and Developed the front-end components using React and Tailwind.
- Tech Stack: React, Laravel, Tailwind, Git

Momentum Event Works (Group) | [Link](#)

- Developed a website for an event management company with sleek animations.
- My contribution: Handled initial work including UI design and animations.
- Tech Stack: HTML, JavaScript, Tailwind, Git

Uber Re-design (Individual) | [Link](#)

- Design to increase GPS accuracy, improve navigation, streamline payment methods and make the app more user-friendly for a wider range of users.
- Tech Stack: Figma

Technical skills

- **Languages:** HTML, CSS, JavaScript, Java, Python, C
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Frameworks and Libraries:** React, Flutter, Firebase, Node.js, Tailwind
- **Tools:** VS Code, IntelliJ, Figma, Android Studio, Postman, Prisma, Looker Studio
- **Version Control:** Git, GitHub

Personal skills

- | | |
|-------------------|---------------------|
| • Problem Solving | • Responsibility |
| • Communication | • Critical Thinking |
| • Creativity | • Teamwork |

Certifications

- | | |
|---|----------------------|
| • Foundations of User Experience (UX) Design – Coursera | Link |
| • Introduction to Git – Datacamp | Link |
| • Intermediate Git – Datacamp | Link |
| • JavaScript Algorithms and Data Structures – freeCodeCamp | Link |
| • Postman API Fundamentals Student Expert – Postman | Link |

References

Prof. BTGS Kumara

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Faculty of Computing,
Sabaragamuwa University of Sri Lanka.
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