

Rama Raguram

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Profiles

github.com/RamaRagu

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<u>raguram</u>

Personal Statement

Full Stack Developer with a strong passion for innovation and quality. I enjoy creating outstanding digital solutions and always learning about the newest advancements in technology. I get excited about pushing boundaries in this dynamic field because it feeds my creativity and problem-solving attitude. Together, let's create something truly remarkable!

Skills

Frontend: HTML, CSS, JavaScript, TypeScript, React, React Native, Bootstrap.

Backend: Node.js, Express.js, Spring Boot, PHP.

volunteering

Database: SQL, MongoDB.

Other Technical Skills: Python, Java, OOP, Algorithms, Docker, Git

Soft Skills: Teamwork, Leadership, Communication, Time Management.

Experience

Interests

Loncey Tech: Web Designer Intern

May 2024 - July 2024

Drawing

handicrafts

https://lonceytech.com/

Badminton

• Collaborated with cross-functional teams to enhance user experience using PHP and frontend design.

Singing

• Strengthened skills in teamwork, problem-solving, and web development.

Education

University of Westminster - IIT Srilanka

2023 Sep to Present

BSc (Hons) Computer Science

current average: 82.6%

Key Modules Taken:

- Server Side Wed Development
- Object Oriented Programming
- Data Structures and Algorithms
- Database Systems
- Client Server Architecture

Hindu Ladies College

2009 - 2022

- GCE Advanced Level A B C
- GCE Ordinary Level 6A 3B

Projects

MindMend (ongoing)

https://github.com/RamaRagu/Mindmend74

* Tech: Node.js (Express), Supabase, Prisma, Docker, Machine Learning

- Developed the backend and database using Node.js (Express), Supabase, and Prisma for efficient data management.
- Implemented the autism level detection model using Machine Learning, enabling AIdriven assessments.
- **Conducted integration testing** to ensure seamless interaction between the backend, model, and other components.

Real-Time Ticketing System

https://realtimeticketing-frontend.pages.dev/

* Tech: Spring Boot, PostgreSQL, React

- High-performance online ticket booking platform with real-time availability updates.
- Implemented priority-based ticket allocation for VIP and regular customers.
- Designed secure transaction processing and efficient data management.

MindMend74 Marketing Website

http://mindmend74.com

* Tech: React, Vite

- Designed a fast, visually appealing website for MindMend.
- Showcases app features, benefits, and user testimonials.
- Optimized performance and loading speed for an enhanced user experienc

Student Management System

★ Tech: Python

- Developed a system for student progression tracking based on credit distribution.
- Implemented data validation, file handling, and histogram-based visualization.
- Classified students into categories (Progress, Trailer, Retriever, Excluded).
- Integrated ID verification for students and staff.

Leadership Skills

- Served as an Organizing Committee Member for the IO Team in CodeSprint 8 and Athena.
- Contributed as an Organizing Committee Member for the PR Team in Cutting Edge.
- Held the position of President in the Library Union.
- Served as Secretary of the Tamil Literary Association.

References

Mr. Savin Madapatha

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