

RAVINDRAN G

Full Stack Developer



+91 7845310959



gravindran058@gmail.com



India, Puducherry

Professional summary

Innovative and solution-focused Computer Science undergraduate with practical experience in full-stack development using React.js, Node.js, Express.js, and MongoDB. Skilled in building scalable, user-centric web. Proven ability to thrive in fast-paced environments through real-world projects and as a finalist in prestigious national hackathons. Passionate about crafting impactful digital experiences and constantly evolving as a full-stack developer through hands-on learning and collaboration.

Education

BTech of Amrita Vishwa Vidyapeetham , Coimbatore

Experience

Project

1. Fitness Management Website Tech Stack: HTML, CSS, JavaScript Developed a web-based fitness tracker for users to log workouts and set fitness goals. Features responsive design and user-friendly UI.


2. Connect (In progress) – Full-Stack Social Networking Platform Tech Stack: HTML, CSS, JavaScript, React.js, Node.js, Express.js , MongoDB Developed a full-stack web application designed to connect individuals based on shared interests, hobbies, and goals. The platform enables users to discover and engage with like-minded people, fostering collaborations for study, creative projects, or social interactions.

Research and Case Studies

1. Serverless Cloud Computing (Ongoing), Research paper on scalable, low-maintenance cloud architectures.

2. Spam Filtering using Rabin-Karp Algorithm, Compared efficiency with Boyer-Moore, heuristic, and brute-force methods.

Links

 g-ravindran-706962319

 unstop.com

 Ravindranbit

 GRavindran39679

Skills

SQL Python

HTML Java

CSS C++

React.js DBMS

Node.js

MongoDB

Hobbies

- Basket Ball
- watching movies and series
- Book Reading
- Travel

3. Boyer-Moore Algorithm in Text Processing, Studied its speed and relevance in large-scale pattern matching.
4. Car Safety Management System, Used C to simulate safety features and data handling.
5. Blockchain in DSA using Merkle Tree, Explored Merkle trees for secure blockchain data verification.
6. Task Synchronization in FreeRTOS: Explored techniques including message queues, semaphores, mutexes, and event groups. Demonstrated inter-task communication using message queues for efficient data transfer and synchronization. Collaborated on simulating real-time task management and synchronization scenarios

Awards



Finalist – Logithon (World's Largest Logistics Hackathon)



Finalist – IIIT Sri City Hackathon



Finalist – Build with India Hackathon



District-Level Basketball Player

Languages

- English
- Tamil