

RAGULANDIRAN MAGESH

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CAREER OBJECTIVE

A motivated and flexible fresher with a positive attitude and eagerness to learn, looking for an opportunity to develop my skills and make a meaningful contribution.

EXPERIENCE

- **Climetaverse - Full Stack Developer**
 - Built a full-stack web application using **Flask**, **React**, and **PostgreSQL** for officials to manage and monitor workers data, designed with a **user-friendly** interface.
- **Raattai Handloom - Frontend Developer**
 - Developed a website for scheduling webinar sessions and ordering products.
 - Utilized **ReactJS**, **AngularJS**, **Node JS**, and **MongoDB** to build and implement the platform.
- **CentillionLabs - Full Stack Developer**
 - Designed and implemented **Terraform** scripts for automated **AWS** infrastructure creation, explored **Transformers-T5** models for text-based prompt generation, and developed an efficient Chat-Bot using **ChatGPT RestAPI**.

EDUCATION

- **B.E. CSE (Hons)**, CGPA : 8.92 (till now)
Kongu Engineering College
- **Higher Secondary Education**, 93.33%
SSSIVS

ACHIEVEMENTS

- **Tomato Grand Challenge**: Finalist and Funded by Govt. of India and MoE's Innovation Cell (Prize - Rs. 25,000, Fund - 1.5L).
- **KEC 30 hrs Hackathon (Software Edition)**: Secured 2nd Prize and won Rs. 2,000.
- **Ruby Day Project Presentation**: Among 200+ teams, succeeded in the Top 5 (Prize: Rs. 2,000).
- **Smart India Hackathon**: Shortlisted in the Internal Hackathon for the 2023–2024 and 2024–2025 editions.

AREA OF INTEREST

- Data Structures
- Software Development
- Database Management System

CERTIFICATIONS

MongoDB: MongoDB Associate Developer
Udemy: ChatGPT Prompt Engineering

PROJECTS

- **InterV - MERN, Flask, Socket, Peer JS**
 - The AI interview system improves resume analysis and question generation through smarter learning methods.
 - It also ensures fair evaluations and monitors for malpractice during interviews.
- **TOMATIX - React Native + MERN, Flask, Google Map, and Gemini API**
 - Developed a full-stack mobile app for monitoring plant health and assisting with plant nurturing.
 - Used Redux to efficiently manage and maintain the application state throughout the app.
- **KEC Comfort Inn (Guest House Booking using VR) - MERN, Unreal Engine, Stripe Gateway**
 - Developed a web app for booking guest houses and created a 3D model, visualized with VR to enhance user experience.
- **LinkUp - MERN, Socket, Cloudinary**
 - Developed a real-time chat application with seamless messaging and user authentication.
 - Used WebSockets to enable instant communication and ensure a fast, responsive experience.

SKILLS

Technical Skills:

Languages: Java, C/C++, Python (Beginner), JavaScript, HTML/CSS

Frameworks: ReactJS, React Native, NodeJS, Flask (Beginner)

Storage: MySQL/PostgreSQL, MongoDB, Firestore (Beginner)

DevOps: Terraform (Beginner)

Cloud: AWS (Beginner)

Tools & Others: Git, GitHub, Figma, VS Code, Postman, Power BI, Cisco Packet Tracer (Beginner), Spline

Soft Skills:

Leadership: Served as the **Joint Secretary** of the CSE Coding Club (2024–2025).

Key Strengths: Time Management, Communication, Adaptability, and Problem-Solving.

Additional Contributions: Executive Member of the CSE Coding Club and CSI Member at KEC (2023–2024). Organized the **Teacher's Day Celebration** at KEC (2023–2024).