

RAGUL J

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EXECUTIVE SUMMARY

AI & Data Science undergraduate with hands-on MERN stack experience. Skilled in creating responsive, scalable apps with JWT authentication, geolocation, and REST APIs. Strong in UI/UX design, database architecture, and agile workflows. Seeking a full-stack internship to build impactful solutions. Eager to contribute technical expertise and innovative problem-solving to deliver high-quality, efficient products that align with company goals. Highly adaptable, quick to learn, and collaborative, making me a strong fit for dynamic, fast-paced development teams.

TECHNICAL SKILLS

Proficient: HTML5, CSS3, JavaScript, Python, React.js, Node.js, Express.js, MongoDB, Git, GitHub, RESTful APIs, VS Code, Postman.

Familiar: Tailwind CSS, Bootstrap, Mongoose, Firebase, NumPy, Pandas, scikit-learn, Render, GitHub Pages, JSON, Responsive Design, LocalStorage.

PROJECTS

PlayBuddy 2.0

- Engineered a MERN-based sports team matchmaking app with geolocation & JWT authentication.
- Reduced team search time by 60% using MongoDB geospatial queries.

Smart Outpass System

- Implemented a CCTV-integrated ML hostel outpass tracker using OpenCV & MERN stack.
- Automated student logs, reducing manual checks by 80%.

AI-Based Attendance Tracker

- Developed a face recognition attendance system with Python & MongoDB.
- Achieved 92% real-time detection accuracy using dlib and OpenCV.

ACHIEVEMENTS & CERTIFICATIONS

- Responsive Web Design – freeCodeCamp
- Python 101 for Data Science – IBM (Cognitive Class)
- JavaScript Algorithms and Data Structures – freeCodeCamp (2025)
- 2x Hackathon Participant – MERN-based campus management app

EDUCATION

B.E. Artificial Intelligence and Data Science

Sri Shakthi Institute of Engineering, Coimbatore | 2023 – 2027 | CGPA: 8.3 / 10

