

NAKULAN R

M.Sc Software Systems Student | Backend Developer | Blockchain Enthusiast
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[GitHub](#) | [Linkedin](#)

EDUCATION

Sri Krishna Arts and Science College (SKASC)
M.Sc Software Systems (5-Year Integrated Program)
CGPA: 8.0

Coimbatore, Tamil Nadu, India
June 2024 - March 2029

EXPERIENCE

Kural.offl | Technical Specialist

Hybrid | October 2025 - Present

- Provided technical support and troubleshooting for software systems and operational workflows.
- Assisted in process optimization and resolution of technical issues to improve system reliability.

PiXel CognitiX | Developer

Hybrid | September 2025 - October 2025

- Contributed to application development, testing, and debugging to enhance software functionality.
- Collaborated with development teams to implement features and improve system performance.

CloudsBySunil | Frontend Developer Intern

Remote | June 2025 - September 2025

- Developed responsive user interfaces using React.js and Tailwind CSS for web applications.
- Integrated frontend components with APIs and improved user experience across devices.

SKILLS

Programming Languages: JavaScript, Python, C++
Libraries/Frameworks: Node.js, Express.js, React.js, Tailwind CSS
Tools / Platforms: Git, GitHub, VS Code, Postman, MongoDB Atlas, Docker
Databases: MongoDB, SQL

PROJECTS / OPEN-SOURCE

SmartTrack Railway Crack Detection System | [Link](#)

React.js, Node.js, MongoDB, IoT

- Developed an IoT-powered railway monitoring system for real-time crack detection and automated safety alerts.
- Built a full-stack dashboard using React.js, Node.js, and MongoDB for sensor data visualization and monitoring.

UDCF Blockchain-Based Secure Data System | [Link](#)

TypeScript, Node.js, Blockchain

- Designed a blockchain-based platform to enhance data security, integrity, and traceability.
- Developed backend modules and secure workflows using TypeScript and Node.js.

Smart ICD Mapping System | [Link](#)

TypeScript, Backend Systems, SQL

- Developed a healthcare data mapping platform for efficient classification and management of medical information.
- Designed scalable backend workflows and optimized SQL-based data processing for structured data retrieval.

HONORS & AWARDS

- HackVision 2025 - Secured 2nd Prize for innovation and solution development
- TechExpo 2025 - Achieved Top 5 Finalist position among competing teams
- Hackathon 2025 - Sustainable Cities Theme - SmartTrack project selected under Sustainable Cities category
- National Level Hackathons - Selected as National Level Finalist in 5+ hackathons
- Technical Paper Presentation - Eclipse Net - Presented Eclipse Net project concepts and technical insights in a paper presentation event