

T.SANTHOSH KUMAR

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LinkedIn

Summary

I am a computer science graduate currently completed my Master of Computer Applications (MCA) with hands-on expertise in ReactJS and python. My academic training has equipped me with a solid foundation in building scalable web applications and working with modern technologies. Actively seeking opportunities to apply my skills in full-stack development, contribute to impactful projects, and grow within a professional development environment.

Experience

3 Fortune Minds

Mar 2025 - June 2025

Software Engineer Intern

Bangalore, India

- Working as a Frontend Developer using ReactJS at 3 Fortune Minds, starting from 17th March 2025 to 17th June 2025, working remotely, collaboratively, and productively on real-world projects.
- Collaborated with a team of 5 developers to manage application state and integrate APIs, improving overall interface performance and reducing load times by 30%.
- Gained hands-on experience in a remote work environment, consistently meeting deadlines 100% of the time while delivering weekly progress reports to ensure project alignment.

Projects

AI-Driven Road Accident Prediction System

Mar 2025

- Developed a hybrid prediction system that combines rule-based logic with machine learning models (Random Forest), achieving an 85% accuracy rate in forecasting road accidents.
- Integrated live data from 3 third-party APIs, processing 1000 data points per minute for real-time risk analysis and decision support.
- Implemented hotspot detection using geospatial analysis, enabling visualization of the top 10 accident-prone areas through interactive heatmaps and facilitating targeted safety measures.
- Enhanced system flexibility by incorporating real-time data ingestion and feedback loops, resulting in a 15% boost in model accuracy during real-world testing.

Education

Nitte Meenakshi institute of technology

2023 - 2025

Master of Computer Application (Percentage: 8.6)

Bangalore, India

Sri Venkateshwara Degree College

2019 - 2022

Bachelor Of Science in Computer Science (Percentage: 81.0%)

Madakasira, India

Sri Venkateshwara Junior College

2018 - 2019

Intermediate (Percentage: 92.0%)

Madakasira, India

Technical Skills

Programming Languages: Java, Python, JavaScript, C (Basic), SQL

Front End Development: HTML5, CSS3, ReactJS

Back End Development: JDBC, Flask (Python)

Databases: MySQL

API Testing: Postman

Other Skills: Git/GitHub, Linux (Basic), DBMS, Data Structures and Algorithms

Familiar IDEs: VS Code, Eclipse, Oracle 10G

Relevant Coursework: Data Structures, SDLC, Database Management, OOPs, Operating Systems, etc.

Personal Skills: Communication, Agility, Team Management, Team Work, etc.

Certifications

- Completed **AI-Driven Road Accident Prediction System** certification project from **NMIT**, Bangalore (Jan 2025 – Mar 2025) [Certificate]

Language Known

- English - Professional
- Kannada - Professional
- Telugu - Native