

YOKESH MANOHARAN

Software Engineer | Full Stack Developer | Analytical Thinker

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PROFESSIONAL SUMMARY

Final-year Computer Science Engineering student skilled in full-stack development, APIs, and databases, with hands-on experience using React.js, Spring Boot, and SQL. Problem solver with internship and hackathon experience, seeking an entry-level software engineering role.

EDUCATION

Bachelor of Engineering in Computer Science and Engineering 2022 - 2026

Sri Krishna College of Engineering and Technology, Coimbatore

CGPA: 8.10/10

Higher Secondary Education (12th Grade) 2022

SSM Academy, Dindigul

Percentage: 67%

Secondary Education (10th Grade) 2020

SSM Academy, Dindigul

Percentage: 92%

TECHNICAL SKILLS

Programming Languages: Java, C++, Python, JavaScript. **Frontend:** React.js, HTML, CSS.

Backend & APIs: Spring Boot, REST APIs. **Databases:** MongoDB, MySQL.

Tools: GitHub, VS Code, Postman. **AI/ML:** LangChain, Text Classification, Gen AI.

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming.

WORK EXPERIENCE

Packaged Application Development Intern May 2025 - Jul 2025

Accenture

- Designed and maintained database tables to support application development.
- Managed customer records and ensured accurate data handling using SQL.
- Assisted in basic development tasks and application workflows, gaining hands-on experience in backend operations.

Frontend Development Intern Jun 2024

Schneider Electric - Smart Factory Internship Program

- Developed an employee dashboard interface for adding workers and updating their status.
- Integrated frontend components with backend APIs to perform create and update operations.
- Collaborated with the team during the Smart Factory internship to ensure smooth data flow and UI functionality.

PROJECTS

AI Resume Analyzer - Intelligent ATS Resume Scoring Tool

Tech Stack: Python, Google Gemini API, LangChain, Text Classification, Machine Learning

- Developed an LLM-powered resume analysis platform using Google Gemini and LangChain to evaluate resumes against ATS standards.
- Generated structured, actionable feedback highlighting strengths, weaknesses, and resume improvement recommendations.
- Analyzed keyword optimization, formatting compliance, and content relevance to improve resume visibility and ATS match scores.

Interactive Children's Storybook Platform

Tech Stack: React.js, REST APIs, Spring Boot, MongoDB

- Built an interactive children's storybook platform with audiobooks, videobooks, and personalized stories, using structured content metadata for efficient content organization and retrieval.
- Designed and integrated quiz modules with metadata tagging to track learning progress, content relevance, and user engagement.
- Implemented a scalable and user-friendly interface with focus on data-driven content management, accessibility, and performance optimization.

OpGrid - Smart Traffic Control System (Hackathon Winner)

Tech Stack: Python, Machine Learning, AI/ML Algorithms, Data Analytics

- Designed and proposed an AI-driven smart traffic management concept leveraging real-time traffic density and weather data.
- Optimized signal timing using predictive analytics and adaptive control, demonstrating potential to reduce urban congestion by up to 30%.
- Secured 1st place at SRM TechSpectrum for innovation in smart city infrastructure.

AWARDS & ACHIEVEMENTS

- ▶ Winner - SRM TechSpectrum Hackathon (Smart Traffic System)
- ▶ Participant - Smart India Hackathon 2024 (SIH2024)
- ▶ Leadership roles in school and college organizations
- ▶ Finalist - Zenith Ideathon Innovation Competition
- ▶ Active problem solver with 500+ problems solved on LeetCode
- ▶ Strong foundation in Data Structures and Algorithms

CERTIFICATIONS

- ✓ Java for Beginners
- ✓ React JS
- ✓ Spring ORM
- ✓ Learning React
- ✓ Python Foundation
- ✓ Introduction to Automation