Sujith Santhosh

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Education

Manipal Academy of Higher Education (MAHE)   *Sept 2021 – May 2025*
B.Tech in Electronics and Instrumentation Engineering
- CGPA: 7/10
- Electives: Object Oriented Programming, Web Development, Operating Systems, Neural Networks

Indian Institute of Technology, Madras   *Sept 2021 – Ongoing*
B.Sc in Data Science and Programming (Online Degree)
- Courses: Data Structures and Algorithms, Java, Machine Learning

Publications

Cardiac Clarity: Using machine learning for accurate prediction of heart disease   *May 26th 2025*

Sujith Santhosh, Krishnaraj Chadaga, R. Vijaya Arjunan

[10.1109/ACCESS.2025.3573760](#) ↗

Experience

Assistant Software Engineer   *Bangalore, Karnataka*
Tata Consultancy Services   *August 2025*
- Completed intensive training focused on Java Full Stack development for enterprise solutions.
- Spring Boot, Hibernate, Rest API, Microservice
- Acquired foundational knowledge in backend development, database integration, and modern software development methodologies.

Research Intern   *Manipal, Karnataka*
Manipal Institute of Technology   *January 2025 – May 2025*
- Worked on "Advanced XAI and Machine Learning Models for Public Healthcare Problems." Explored deep learning approaches for enhancing healthcare diagnostics.

Software Intern   *Bangalore, Karnataka*
Continental Automotive   *May 2024 – July 2024*
- DocuMate: Built an automated resume screening tool with autocorrection, NER, and Q&A features, delivering relevance scores based on job descriptions.
- Chat-Bot Plugin: Developed an interactive dice game plugin using JavaScript to enhance chatbot engagement.

Projects

Movie Finder   *View Repository* ↗
- Built a movie app with React.js and Tailwind CSS, integrating TMDB API for search and trending movies. Used Appwrite for backend services, featuring a sleek, responsive design.

AI Resume Analyzer   *View Repository* ↗
- Developed an AI-powered Resume Analyzer using React, React Router v7, Puter.js, TypeScript, Vite, Tailwind CSS, shadcn/ui, and Zustand—implemented serverless auth, resume upload/storage, and AI-driven ATS scoring & feedback, improving resume-job match accuracy and reducing manual screening time by 60%.

Technologies

Languages: Python, Java, SQL
Frontend: HTML, CSS, TailwindCSS, JavaScript, React.js, TypeScript
Cloud: AWS Lambda **Backend:** Flask, Node.js, Express.js, MongoDB, RESTful API, Spring Boot, Hibernate
AI/ML: Scikit-learn, TensorFlow, Keras, XGBoost, Hugging Face Transformers, OpenAI API