

Gajula Sathish

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Summary

A results-driven Computer Science Engineering student with proven expertise in Software Development, Full-Stack Engineering, and AI/ML. Skilled in developing intelligent, scalable applications and automating processes using modern web and cloud technologies. Passionate about leveraging Generative AI and web development to drive digital transformation. Eager to contribute to innovative teams building intelligent platforms, agile systems, and next-generation digital experiences. Highly motivated to be part of an organization that values innovation, technology leadership, and impactful solutions.

Achievements

- Selected for **ServiceNow CSA & CAD Certification Program** – recognized for performance in pre-screening assessments.
- Selected for **HCL Centre of Excellence (COE) Program** for advanced training in Embedded Systems.
- Selected for **Wipro TalentNext Program** – .NET full stack training under corporate mentorship.
- **Secured 1st Prize – Super Brain Talent Hunt:** Proposed an idea of a secure mobile app for network data traffic analysis over the mobile applications.

Education

Sathyabama Institute of Science and Technology , Chennai Bachelor of Engineering in Computer Science and Engineering CGPA: 9.21 (6 semesters)	2022 – Present
NRI Junior College , Andhra Pradesh Higher Secondary Education Percentage: 96.7	2021 – 2022
Apollo English Medium High School , Andhra Pradesh Secondary School Certificate Percentage: 96.8	2019 – 2020

Experience

Web Development Intern – HCL Technologies, Chennai	Jul 2024 – Oct 2024
<ul style="list-style-type: none">• Built a real-time video streaming application integrating Node.js, Express.• Contributed to UI/UX using HTML, CSS, and JavaScript to improve performance and accessibility.• Designed RESTful APIs and implemented JWT authentication and session management.• Applied Agile principles, used GitHub for version control, and participated in daily stand-ups with the STAR R&D team.	
Data Visualization Intern – Tata Insights Simulation (Virtual)	Sep 2024
<ul style="list-style-type: none">• Completed a virtual internship on data storytelling and BI reporting for strategic decision-making.• Analyzed 7+ datasets and built dashboards using Power BI to uncover business trends.• Created visualizations for stakeholder pitches involving customer segments and engagement.• Improved data modeling and communication skills through client-style presentations.	
Machine Learning Intern – Heuristers Technology Solutions, Chennai	Mar 2023 – May 2023

- Developed ML models using Scikit-learn and Python for classification and forecasting.
- Preprocessed raw data using Pandas/NumPy and engineered features to boost model accuracy.
- Integrated the trained model into a Flask API and deployed it into a lightweight web app.
- Gained a strong grasp of model evaluation, pipeline optimization, and real-world ML workflows.

Projects

AI-Powered Search & Response System

Jan 2025 – Feb 2025

- Designed a real-time intelligent Q&A platform that integrates web scraping, NLP, and Mistral AI to provide accurate answers.
- Implemented backend services using Flask and Express.js with secure API endpoints and error-handling mechanisms.
- Built a responsive frontend using HTML, CSS, and JavaScript, enabling fast and intuitive user interaction.
- Deployed asynchronous data fetching to ensure minimal response times and enhanced system performance.

AI-Powered Virtual Interview Assistant

Feb 2025 – Mar 2025

- Created a virtual assistant to simulate interview scenarios and provide AI-generated questions tailored to user skills.
- Processed spoken responses using Speech-to-Text and evaluated tone, pacing, and relevance in real-time.
- Used Node.js and Web Speech API to build a dynamic feedback loop to improve candidate communication skills.
- Helped users build confidence by offering detailed scoring and performance summaries after each interview.

AI & IoT-Based Visual Assistance for the Blind

Mar 2025 – Apr 2025

- Developed a smart mobility solution integrating NodeMCU and image captioning models for visually impaired users.
- Used scene graph-based understanding to analyze captured images and identify navigational obstacles.
- Implemented a real-time Web application to provide spoken feedback for safe indoor and outdoor navigation.
- Enhanced independence and spatial awareness for users in controlled environments during pilot testing.

Certifications

- **Full Stack Web Development:** Course Completion Certificate, July 2025
- **NPTEL:** Data Science for Engineers (Elite), Jan 2025
- **Java Programming:** Core Java Certificate, Oct 2023
- **C Programming:** Course Completion Certificate, Aug 2022
- **React.js:** Infosys Training Certificate, Jun 2021

Skills

Languages: Java, C

Frontend: HTML, CSS, JavaScript, React.js

Backend: Node.js, Express.js

Databases: MongoDB, MySQL

Tools: GitHub, Postman

Soft Skills: Time Management, Communication, Teamwork, Problem Solving, Leadership