

# PRADEEP S

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## OBJECTIVE

Computer Science and Engineering (Cyber Security) student with hands-on experience in JavaScript, Python, Java, and web development. I have worked on MERN stack projects and AI-based voice agent applications. I am familiar with REST APIs, JWT authentication, CRUD operations, and database management. I am looking to contribute as a MERN Developer while improving my software development and problem-solving skills.

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## EDUCATION

- B.E CSE(CY) - Muthayammal Engineering College (Autonomous , Rasipuram) 2023 –2027  
CGPA : 8.4
- HSC – Govt Hr Sec School 2022 –2023  
Percentage : 87
- SSLC – Govt Matric Hr Sec School 2020 –2021  
Percentage : 100

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## PROJECTS

### Canteen Preorder Application

- Technologies Used: React.js, JavaScript, MongoDB
- Implemented CRUD operations for menu management and order-related functionalities.
- Integrated JWT authentication and configured CORS for secure communication.
- Link - [https://github.com/Cyberpradeep/canteen\\_preorder\\_app.git](https://github.com/Cyberpradeep/canteen_preorder_app.git)

### Voice Agent - Hospital appointment booking (Web / Telephony)

Technologies Used: FastAPI, Deepgram STT, Pipecat, Cartesia TTS, Gemini, Exotel

- Built an AI voice assistant capable of real-time conversational interactions.
- Integrated speech-to-text, language model, and text-to-speech services.
- Integrated Exotel telephony services to handle inbound voice calls and connect users with the AI agent.

Link- [https://github.com/Cyberpradeep/hospital\\_chatbot\\_appointment.git](https://github.com/Cyberpradeep/hospital_chatbot_appointment.git)

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## TECHNICAL SKILLS

Programming Languages: Java,, Python, JavaScript

Frontend: HTML, CSS, React.js

Backend : Node.js , [Express.js](#), Flask, Pipecat Framework

Database: MongoDB, MySQL

Developer Tools: Microsoft Foundry, Eclipse , Postman, Git .

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## **INTERNSHIP**

### **Junior Software Engineer Intern**

Jan 2026 - Present

- Working on AI-powered voice agent applications using modern speech and language models.
  - Developing backend APIs using Flask and integrating AI services into web applications.
  - Worked with databases, API integrations, authentication, and deployment-related tasks.
  - Collaborating with the team to build conversational AI solutions and improve user experience.
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## **ACHIEVEMENT**

- Earned Microsoft Azure Fundamentals Certification AI900
  - Earned Github Foundation Certification GH900
  - Participated in Smart India Hackathon.
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## **EXTRA-CURRICULAR**

- Presented a paper on “Disk Space Rental System” at JIT Engineering College.
  - Presented a paper on ”AI Assistant for machinery operators” at Government Engineering College, Erode.
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## **DECLARATION**

I hereby declare that the above-mentioned information is true and correct to the best of my knowledge and belief.

**Place:** Rasipuram

**Date:** 22/06/2025

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