Gayathri Parsam

Anantapur, Andhra Pradesh - 515001 | +91-8179740446 | gayathri.parsam09@gmail.com | Gayathi Parsam | gayathri parsam

SUMMARY

Aspiring Full-Stack Developer with a solid foundation in frontend technologies and backend logic, gained through hands-on internships and award-winning technical projects. Experienced in building responsive web applications using JavaScript, React, Node.js, and integrating APIs for dynamic functionality. Proven ability to take ownership of end-to-end development, from ideation to deployment, including real-world applications like an AI-powered disaster recovery drone system.My goal is to support organizational objectives, embrace opportunities to learn new skills, and thrive in dynamic, fast-paced environments.

Education

WoxsenUniversity — Hyderabad,India
BachelorsofTechnology-CSE — *2022-Present*

Narayana Co-Kaveri Bhavan — *Banglore*,India
Higher Secondary 11th and 12th (CBSE) — *2020-2022*

Narayana Olympiad School — Anantapur,India
SecondaryEducation(SSC) — *2008-2020*

TECHNICAL SKILLS

Languages: Python, Java, Javascript

Web Development Tools: React, Node.js, Express.js, HTML/CSS, REST APIs

Database: MongoDB, MySQL

Tools / Platform: Git Hub, Vs Code, AWS, Docker

EXPERIENCE

Webdeveloper Intern — Hyderbad,India
Prodigy Infotech — Feburary *2025-March 2025*

- Designed and developed responsive web applications, including a landing page with interactive navigation, stopwatch app, and a weather application using HTML, CSS, JavaScript, and external APIs.
- Built engaging web-based games like Tic-Tac-Toe with AI opponent functionality, focusing on game logic, user interactions, and dynamic state management.
- Created a personal portfolio website showcasing technical skills, projects, and achievements, emphasizing clean UI/UX design and mobile-friendly layouts.

PROJECTS

Advanced Imaging and AI in Drones for Disaster Recovery — Computer Vision | Embedded Systems
Deep Learning

- Developed an AI-powered drone system equipped with thermal imaging and computer vision for real-time detection of survivors in disaster-struck areas
- Used Convolutional Neural Networks (CNNs) and Python with OpenCV for accurate victim identification from aerial footage
- Integrated Raspberry Pi and ML models to automate first-aid delivery, significantly improving the speed and precision of search and rescue operations

Academic Research Assistant (ARA) — Retrieval-Augmented Generation (RAG) | NLP
Generative AI

- Built an AI-powered academic writing assistant that supports researchers with summarization, outline generation, and grammar correction using BART, Gemini, and Mistral models
- Implemented predictive reviewer question generation and context-aware reference suggestions using FAISS and RAG pipelines
- Deployed the app using Streamlit for interactive and real-time feedback, enhancing research productivity and writing quality

CERTIFICATIONS

Upes 8.0 - Hackathon
Avishkar - Research Competition

CO-CURRICULAR ACTIVITIES

- Participated in national-level UPES ;Top 10 Finalist in UPES Hackathon 8.0.
- 1st Place Winner in AVISHKAR Competition, awarded for excellence in research and presentation.
- Worked as a Content Writer for Baudik club which is part IIC