

SYAM GOWTHAM GEDDAM

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EDUCATION

Velagapudi Ramakrishna Siddhartha Engineering College

Bachelor of Technology in Artificial Intelligence and Machine Learning; CGPA: 8.71

Vijayawada, India

Nov. 2022 – May 2026

WORK EXPERIENCE

MotionCut co. | Web Development Intern

Virtual | Remote

Nov 2023 – Dec 2023

- Designed and developed **responsive HTML/CSS webpages** for an internal Amazon e-commerce tool, streamlining dispute resolution workflows between **manifest systems** and **carrier-generated invoices**.
- Built and styled **secure, user-friendly login interfaces** using **HTML5** and **CSS3** for an internal platform serving **12 cross-functional teams** across the organization.
- Strengthened expertise in **UI/UX design principles**, **front-end architecture**, and **collaborative development**, enhancing my ability to deliver scalable, maintainable interfaces within fast-paced, enterprise environments.

Technologies: HTML, CSS, JavaScript

TECHNICAL SKILLS

Programming Languages: C, Python, Java, JavaScript

Frameworks: ReactJS, Flask, NodeJS, Docker, Version Control using Git

PROJECTS

Job Tracker Application | ReactJS, PostgreSQL, GeminiAPI, NodeJS | [Github Link](#) | [Deployment](#)

- Designed and developed a web application, which is used for tracking job applications. Used vercel to deploy frontend and Vercel-API for backend.
- Improved efficiency in managing job applications with a streamlined, user-friendly platform, enhancing user productivity and organization.

MSFE-DRNet: A Multi-Scale Feature Enhanced Network for Retinal Image Super-Resolution in Diabetic Retinopathy Screening | [Python](#) | [Github Link](#)

- Developed a novel deep learning framework by integrating DRNet, a custom feature extractor, with SRGAN to enhance fundus images for accurate diabetic retinopathy lesion detection
- Achieved improved image resolution and lesion classification performance, advancing medical image analysis through original model architecture and super-resolution techniques

To-Do Application using EJS, NodeJS | [JavaScript](#), [Postgres](#), [EJS](#) | [Github Link](#)

- Developed a full-stack task management application using Node.js, Express, PostgreSQL, and Embedded JavaScript (EJS) for organizing and tracking to-dos.
- Improved personal productivity and workflow efficiency by delivering a responsive, database-driven solution with real-time task handling and server-side rendering

GenieX, A chatbot based on gemini API | [ReactJS](#), [MongoDB](#), [GeminiAPI](#) | [Github Link](#)

- Developed an intelligent chatbot application using the Gemini API for response generation, integrated with MongoDB for chat history storage and Clerk for secure user authentication
- Enabled seamless, context-aware user interaction and persistent conversation tracking, enhancing user experience through robust backend architecture and secure access control

Spam Mail Prediction System | [Python](#), [Flask](#) | [Github Link](#) | [Deployment](#)

- Engineered a machine learning application to classify spam emails based on subject lines using Naive Bayes, Logistic Regression, and SVM algorithms

CERTIFICATIONS

- **Google Associate Cloud Engineer** | Issued by Google Cloud | [Link](#)
- **Github Foundations Certification** | Issued by Github | [Link](#)
- **NDG Linux Essentials** | Issued by Cisco Networking Academy | [Link](#)
- **CCNA: Introduction to Networks** | Issued by Cisco Networking Academy | [Link](#)
- **Cybersecurity Essentials** | Issued by Cisco Networking Academy | [Link](#)
- **Machine Learning Foundations** | Issued by AWS Academy | [Link](#)
- **Introduction to R Software** | Issued by NPTEL, IIT Bombay | [Link](#)
- **Social Networks** | Issued by NPTEL, IIT Bombay | [Link](#)

POSITIONS HELD

Google Developer Student Clubs (Web Lead) | August 2024 – Present:

- Organized and facilitated **workshops** and **hackathons** focused on emerging technologies, driving hands-on learning and innovation among students.
- Collaborated with industry experts and academic professionals to design engaging events that provided practical exposure to **cutting-edge skills** and **real-world problem solving**.
- Built a thriving **tech community** by fostering collaboration, enhancing technical competencies, and empowering participants to pursue impactful technology-driven projects.

VOLUNTEER EXPERIENCE

Volunteered at NSS Flood Relief Program | Sept 2024:

- Participated as an **NSS volunteer** in disaster relief operations during flood emergencies, providing critical support in rescue missions and resource distribution.
- Coordinated logistics and collaborated with multi-disciplinary teams to ensure efficient delivery of humanitarian aid and community rehabilitation efforts.
- Developed strong skills in **teamwork**, **crisis management**, and **public service**, contributing to effective disaster response and community resilience building.