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EDUCATION

Aditya College of Eng. & Technology, Andhra, India,   **Sep 2022 - Apr 2026**
B.Tech, Computer Science & Eng. (GPA: CGPA: 8.30)
- **Achievements:** Tech Finalists: Hacktoberfest (Open Source Contribution Event) 2023/24 Winner
- **Coursework:** Object-Oriented Programming, DSA, RDBMS, Discrete Math, Linear Algebra, Computer Networks

EXPERIENCE

Infosys Springboard | *AIML Intern*   **May 2024 - Jul 2024**
- Completed a project titled 'Anomaly Detection in Crowd' using a smartphone sensor dataset, enhancing skills in Python and data analysis
- Preprocessed the dataset and applied five algorithms, including **Decision Tree**, KNN, and CNN, improving model accuracy and data insights
- Utilized an image dataset for real-world scenarios like traffic control and surveillance, enhancing practical applications

TechnicalHub | *Cloud3 with Devops Intern*   **May 2024 - Jun 2024**
- Explored core cloud computing services on AWS, GCP, and Azure, including AI and DevOps, which enhanced platform proficiency and service integration skills
- Completed a project on Load Balancing and Autoscaling with three servers using GitHub and MobaXterm, improving server efficiency and resource management
- Deployed projects across AWS, **Azure**, and **GCP**, gaining practical experience that contributed to AWS Cloud Practitioner certification readiness

TechnicalHub | *C language Intern*   **Aug 2024 - Dec 2024**
- Assigned for **300** trainees, guiding through syntax, semantics, different types of errors including logical
- worked as a leader, tester, code debugger, also received a stipend of **6000** per month, for **6** months
- Conducted interactive sessions and provided hands-on assistance to trainees, fostering a deeper understanding

Codeway | *Web Development Intern*   **Oct 2023 - Nov 2023**
- Worked on project titled Quote Generator App, used **API** to fetch the new quote everytime, sharable on Twitter
- Another project titled 'User-NoteBook App', a MERN application, provided separate buttons for the creation, editing, and delete

SKILLS

- **Languages**: C/C++, Java, Python, Javascript, HTML, CSS, Linux, SQL, MERN stack
- **Technology**: AWS, GCP, AZURE, Git/Github, Vs Code, DevOps (Docker, Kubernetes, Jenkins, Ansible, Terraform)
- **Certifications**: RedHat Certified System Administrator, Cisco Certified Network Associate, HackerRank Problem Solving

PROJECTS

Load Balancing and Auto-scaling in AWS- EC2 / CloudWatch / ELB / Auto Scaling / VPC
- Designed and deployed a highly available, fault-tolerant system on AWS using ELB and Auto Scaling Groups.
- Implemented real-time monitoring with Amazon CloudWatch, optimizing instance scaling based on **CPU utilization** and **network traffic**, ensuring 99.9% uptime.

User-NoteBook App- MERN / BootStrap
- Developed an E-Notebook App for secure note storage, enabling user-specific access, authenticated via unique IDs.
- Implemented **CRUD** functionalities for notes- creating, editing, and deleting, ensuring a user-friendly experience.
- Seamlessly integrated the backend and frontend with a database- MongoDB for efficient data management.
- Deployed on an AWS server using **Docker** for containerization of both frontend and backend, connected through **Bridge Network**.

Google Assistance Bot - Python / ML / Gemini API
- Designed GoogleAssistantAI, leveraging the Gemini API for dynamic data retrieval and integration.
- Incorporated a voice-enabled feature to deliver user-friendly, interactive responses.
- Utilized Python and Machine Learning to create an intelligent and responsive assistant model.

Netflix Recommendation System - Python / ML
- utilized TF-IDF Vectorization and cosine similarity to deliver **genre-based** content suggestions.
- Applied data cleaning processes, including stopword removal and text preprocessing, to enhance the accuracy.
- Designed a robust recommendation function to provide personalized suggestions, leveraging Python libraries such as Pandas, NLTK, numpy, TfidfVectorizer, cosine_similarity.