Ashwak Belagam Syed

Kurnool, Andhra Pradesh

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EDUCATION

G Pullaiah College of Engineering   June 2021 – June 2025
*BTech- Computer Science and Engineering - **CGPA - 9.0***   *Kurnool, India*

COURSEWORK / SKILLS

- Data Structures and Algorithms (Basics)
- Operating Systems (Basics)
- Computer Networks (Basics)
- Object-Oriented Programming (OOP)
- Database Management Systems (DBMS)
- Web Development Fundamentals

PROJECTS

Sentiment Analysis of Developer Feedback using Hybrid AI Models ⧉ | Python, Scikit-learn, 04 2025

- Developed a hybrid sentiment analysis system leveraging **Random Forest, MLP, CNN-1D, BERT, and GPT** models to analyze software developer feedback.
- Improved sentiment classification accuracy and contextual interpretation of feedback to assist project managers in better decision-making.
- Preprocessed large text datasets using NLP pipelines including tokenization, stemming, and vectorization; deployed models for comparative analysis.

SaaS Application (Catalyst Launch) ⧉ | FastAPI, MongoDB, Azure, CI/CD   06 2025

* Built a SaaS application using **FastAPI**, **MongoDB**, and deployed on **Microsoft Azure**, focused on transforming raw data into meaningful insights for team productivity and performance tracking.
* Implemented **CI/CD pipelines** with **GitHub Actions** for automated deployment and delivery.
* Performed web scraping with **Selenium** and **BeautifulSoup** to gather data from dynamic sources.
* Integrated AI models like **DeepSeek** and **Ollama** to enable intelligent automation and data-driven recommendations.

EXPERIENCE

Catalys   Oct 2024 – Jul 2025
Backend Developer Intern(full time)

* Building a SaaS platform for performance marketing that transforms raw data into actionable insights, with integrated AI models to enhance intelligence and automation.

Code Clause   May 2023 – July 2023
Python Development Intern

- Developed Python applications with a focus on backend functionality and API integration.

TECHNICAL SKILLS

Languages: Python, C, Java, SQL, HTML, CSS, NOSql
Databases: MongoDB, PostgreSQL
Cloud/DevOps: Azure (Key Vault, Data Factory, Application Insights, Blob storage), Cloud Computing (Basics), Git, GitHub, GitHub Actions
Tools & APIs: FastAPI, Postman, REST APIs, ngrok
Web/Marketing Platforms: Shopify, Google Ads, Meta Ads

EXTRACURRICULAR

IEEE Computer Society   02 2023 – 02 2024
President   *Kurnool*

- Led the organization in conducting numerous technical events, fostering **innovation** and **collaboration** among peers. Through this role, I honed my leadership skills and deepened my technical knowledge, driving impactful initiatives and promoting a culture of learning.

TEDxGPCET   04 2025 – present
Organiser, Licensee, Curator, Lead   *Kurnool*

- As the Organizer of TEDxGPCET with the theme " **Transcendent Ripple**", I successfully coordinated an event featuring **21 speakers**, managing all aspects from logistics to speaker coordination. This experience showcased my ability to lead large-scale events and fostered a platform for impactful discussions.

MSRC Space Club   **02 2024 – 06 2024**
Vice President   *Kurnool*

- As Vice President of the **MSRC Space Club**, I played a key role in leading a team focused on launching a rocket **1km** within the campus. This experience enhanced my technical expertise in **propulsion systems** and honed my leadership skills in guiding complex projects.

CERTIFICATIONS

- AWS Cloud practitoner
- Data Structures and Algorithms using Java - NPTEL
- Joy of Computing using Python - NPTEL
- Azure Cloud Fundamentals(AZ-900)
- listed in NPTEL stars

Self Declaration

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

Place: Hyderabad   **Date: 29-08-2025**   **Signature: Ashwak Syed**