Shahid Junaid Ahmed

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EDUCATION

St. Joseph's Institute of Technology   Chennai,IN
Bachelor of Engineering in Computer Science Engineering, CGPA=7.42   *Nov. 2021 – May 2025*

EXPERIENCE

Free Lancer   Sep. 2023 – Present
St. Joseph's Institute of Technology   *Chennai, IN*
- Spearheaded the development of a cutting-edge Kiosk machine within a church environment, integrating technologies such as Semantic Analysis for Face Detection utilizing **Google Cloud Vision API**
- Orchestrated the seamless integration of **Google Text-to-Speech (TTS)** functionality for automatic conversion of Bible verses from text to speech.
- Leveraged cloud-based services to deliver a dynamic and engaging user experience.

Computer Vision Intern   Jan. 2024 – Present
Clubits Solutions   *Chennai, IN*
- Developed an automated email generation system using **OpenAI's API**, enabling personalized communication between doctors and patients
- Deployed the application on **Microsoft Azure** and implemented **SMTP** for automatic email sending, enhancing the hospital's communication efficiency.

Managemnent and PR Lead   Sep. 2023 – Present
Google Developer Students Club   *Chennai,IN*
- Led and managed the Google Developer Student Club (GDSC) as the Management and PR Lead.
- Orchestrated successful study jams and workshops, enhancing the technical skills and engagement of the college community.

PROJECTS

Rescue Rover | *Python, YOLOV8, Snowflake, PostgreSQL*   Aug. 2023 – Dec 2023
- Designed an emergency response system
- Integrated **OCR** to process 10,000+ Indian license plates, reducing average ambulance response time from 20 minutes to 8 minutes
- **Won the Best Innovative Project award from the Computer Society of India (CSI)**

ParkMate | *Python, YOLOV8, Snowflake, PostgreSQL*   May 2018 – May 2020
- Implemented AI camera technology in "ParkMate," a smart parking system, to automatically detect license plates and gather owner data using the Driver License API from the Government of India.
- Streamlined parking management by enabling seamless identification and accurate registration of parked vehicles, enhancing operational efficiency and compliance.
- Achieved 3rd place in the Startup TN Hackathon, Coimbatore, and 2nd place in the CICS Ideathon, Pune, demonstrating innovation and excellence in smart parking solutions.

TECHNICAL SKILLS

Languages: Python,SQL
Libraries: Pandas, Numpy, Matplotlib, Seaborn, Tensorflow, Apache Pyspark, Apache Airflow
Developer Tools: Git, Docker, Microsoft Azure, Google Cloud Platform, Snowflake

ACHIEVEMENTS

- Secured 2nd place in the CICS Ideathon Pune, Maharashtra.
- Won the Best Innovative Project award from the Computer Society of India (CSI)
- Finalized in the Top 5 of a 24-hour National Level Hackathon at Guru Nanak College of Engineering Hyderabad, Telangana