

WORK EXPERIENCE

- **Software Development Engineer** Feb 2022 – Present
- **Modak Analytics** Hyderabad, India
- **Responsibilities:**
 - Developed and deployed RESTful APIs using ASP.NET Core and Flask, including FHIR formats, on Google App Engine and AKS via GitHub Workflows and Azure DevOps.
 - Wrote unit tests in ASP.NET Core and Python for code coverage, and performed code quality checks using SonarQube and Sec API.
 - Designed and maintained data pipelines with Stream Sets for data ingestion, and built real-time streaming pipelines using Kafka for high-throughput processing.
 - Worked with PostgreSQL, SQL Server, and MongoDB databases, managing data in formats like JSON, CSV, and delimited files.
 - Implemented NoSQL solutions using MongoDB for efficient data storage and retrieval.
 - Implemented scalable ETL pipelines using Snowflake and Databricks, integrating data via Kafka connector's and optimizing transformations with XML parsing and Delta tables.

EDUCATION

B.V. Raju Institute of Technology, Telangana, India
B.Tech in Computer Science, 8.53 CGPA

2018 – 2022

PROJECTS

- **FIRE ACCIDENT DETECTION USING DEEP LEARNING**
 - We aim to develop a classification model with the help of Deep learning and Transfer Learning to acknowledge fires in images/video frames, so thereby guaranteeing early detection and save manual work.
 - OpenCV was used to access webcam and to predict whether each frame contains fire or not. If a frame contains fire in it, frame color was changed to black and white and an alarm will be raised.

TECHNICAL SKILLS

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| • Programming Languages: | Python, .NET, SQL |
| • Web API Development: | .NET, Flask. |
| • Databases: | PostgreSQL, MongoDB, Snowflake |
| • Cloud Platforms: | Google Cloud Platform , Microsoft Azure |
| • Big Data Technologies: | Databricks |
| • Containerization and Orchestration: | Docker, Kubernetes (AKS) |
| • Version Control: | Git |
| • DevOps Tools: | Azure DevOps (CI/CD, Task Management, Issue Tracking) |
| • Other: | Agile Methodologies. |
| • Soft Skills: | Problem Solving , Communication Skills , Team Work. |

CERTIFICATIONS

- Microsoft Azure Fundamentals (AZ900)
- Programming for Everybody (Getting Started with Python) - University of Michigan
- Data Science Professional Certificate - IBM
- Database Design and Programming With SQL - TASK
- Problem Solving (Basic) - HackerRank