

MOHAMMAD SHARUKH

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To excel as a **Software Engineer**, creating innovative solutions and enhancing user experiences with advanced technologies.

EDUCATION

Bachelor of Technology: Information Technology	Aug 2020-Apr 2024
St. Martin's Engineering college, Hyderabad. CGPA 7.75	
Minor Degree: AI and ML	Aug 2022-Apr 2024
St. Martin's Engineering college, Hyderabad. CGPA 8.50	
Intermediate: MPC	Jun 2018-Mar 2020
SR Junior college, KARIMNAGAR.	GRADE 91 %
SSC	Jun 2017-Apr 2018
SFS HIGH SCHOOL, KORATLA.	CGPA 9.3

TECHNICAL SKILLS

- **Programming language:** Python.
 - Fundamentals of Python, Object Oriented Programming Concepts.
 - Libraries NumPy, Pandas, Matplotlib, Seborn.
- **Web Development**
 - HTML
 - CSS
 - JavaScript
- **Database:**
 - **MySQL:** DDL, DML, DCL, TCL, and DQL operations, Basic Proficiency with SQL queries, including SELECT, INSERT, UPDATE, DELETE operations, Joins.
 - **MongoDB:** Basic knowledge of CRUD operations, working with documents and collections, using queries and aggregation, and understanding indexes and schema design
- **Framework:**
 - Django

PROJECTS

Software Defect Prediction using Ensemble Model. **Jan 2024-Mar 2024**

- Developed a machine learning model using Ensemble Model to detect the Software Defect Prediction.
- Leveraged machine learning to achieve near 99% accuracy in Software Defect Prediction.

AI Powered Enhanced road safety management system: Accidents detection: **Sep2023 – Dec 2023**

- Leveraged a real-time AI system for accident detection in traffic surveillance videos using deep learning techniques (Convolutional Neural Network).
- Developed a real-time CNN based Ai system for traffic accident detection (96.43% accuracy), improving accuracy by 14.34% & reducing false alarms.

INTERNSHIP

Accenture North America-Forage

Dec 2023 - Jan 2024

DATA ANALYTICS

- Foundations: Learn data analytics concepts and tools.
- Programming: Master Python for data analysis.
- Data Handling: Perform data collection, cleaning, and preprocessing.
- Analysis: Conduct statistical analysis and visualization.

Projects: Develop real-world projects, collaborate, and present findings.

CERTIFICATIONS

- Python Full Stack Training Duration of 5 months and Certification From 360 Digiit Institute
- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
- Data Analytics – Front Line Media
- Python Programming – KAGGLE.
- Python – Python Life.

BEHAVIOURAL SKILLS

- Self-motivated, adaptive, Team player
- Eagerness to learn new Technologies
- Analytical and Problem solving
- Time management, Work Ethic

HOBBIES

- Creative Writing
- Gaming
- Dancing