

SHAIK GHOUSE PEER

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EDUCATION

Saveetha School of Engineering

B.Tech - Computer Science & Engineering (AI & ML) | 2022 – 2026

CGPA: 8.1

TECHNICAL SKILLS

Programming Languages: Python (Proficient), C (Basic), C++ (Basic), HTML, JavaScript

AI/ML & Data Science: PyTorch, OpenCV, TensorFlow, Scikit-learn, Pandas, NumPy

Databases: MySQL, PostgreSQL, Firebase

Web Development: React.js, Node.js, Django

Data Visualization & Tools: Power BI, Tableau

Cloud & DevOps: AWS, Google Cloud, Oracle Cloud Infrastructure, Docker

Systems & Tools: Git, GitHub, Linux (Basic), OS, DBMS

Soft Skills: Analytical Thinking, Effective Communication, Team Leadership

PROJECTS

All projects were developed as part of academic learning and personal exploration.

Pill Detection and Identification

- Engineered an AI-powered model for precise pill detection using deep learning.
- Integrated OpenCV & TensorFlow to classify pills based on shape, color, and imprint.
- Optimized CNN architecture to improve accuracy by 15%, achieving a final accuracy of 95%.

Named Entity Recognition (NER) for Resume Screening

- Developed an NER-based resume parser using HMM & LSTM, improving parsing accuracy.
- Increased resume parsing efficiency by 14% through optimized HMM and LSTM implementations.
- Applied NLP techniques for entity extraction, enhancing automated screening processes.

CERTIFICATIONS

Oracle Certified Professional – AI & Cloud (2024)
TATA Data Visualization Certification (2025)
Machine Learning Training – Skill Vertex (2023)
AWS Certified Cloud Practitioner (In Progress)

EXTRACURRICULAR ACTIVITIES & LEADERSHIP

Vice-Captain & Goalkeeper – Handball Team (Intermediate Level)

- **Led the team to multiple District & Mandal Level Championships.**
 - **Strategized defensive plays and fostered team collaboration, leading to multiple championship wins.**
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ADDITIONAL SKILLS

Problem Solving & Competitive Programming – Actively solving DSA problems on LeetCode & Codeforces.
System Design & Scalability – Designing high-performance, scalable distributed systems.
Critical Thinking & Analytical Perspective – Passionate about exploring diverse viewpoints through books & magazines.

INTERESTS & FUTURE LEARNING

Exploring DevOps, Cloud Computing, and System Design to build scalable production applications.
Learning CI/CD, Kubernetes, and Advanced System Design Patterns.
Passionate about AI/ML, Web Development, and Software Engineering.