Shifa Shaikh

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Summary

Final-year Engineering student skilled in Python, Java, SQL, AWS, Web Development, and Machine Learning, with exposure to Docker and Kubernetes. Hackathon winner for the Elder Care Reminder System and Runner-up for AgriAdvisors, an AI-powered agriculture e-commerce assistant. Experienced in automation, data analysis, and scalable design, passionate about building intelligent, user-focused solutions with real-world impact.

Work Experience

Python Developer
🏢 Infosys Springboard Intern
📅 Jan 2025 - Mar 2025

- Built an automated check extraction tool with PDF parsing, data validation, and CSV export; applied OOP, PostgreSQL, and API integration.

girls summer of code contributer
🏢 girls summer of code contributer
📅 Oct 2024 - Nov 2024

Education

Bachelar of Engineering
🏢 PES College of Engineering
📅 - 2026 • Electronic And Computer Engineering (Current CGPA: 7.7 / 10)

Projects

Library Management System
- Built a full-stack system with React + TypeScript frontend and Firebase backend.
- Designed a modern, responsive UI using Tailwind CSS.
- Implemented book management, due date tracking, and role-based access features.
- Leveraged Firebase Console for authentication, database, and real-time updates.

Cricket Performance Data Analysis | Python, Pandas, NumPy, Matplotlib, Seaborn, Power BI
- Performed data cleaning, EDA, and statistical analysis on ODI & T20 datasets.
- Built interactive dashboards in Power BI and visualized strike rates, economy, and win patterns.
- Strengthened skills in analytical thinking, visualization, and storytelling with data..

AgriAdvisors – AI & ML-Powered Smart Assistant and E-commerce Platform | React, TypeScript, Firebase, Python
AgriAdvisors – Smart Assistant & E-commerce Platform | React, TypeScript, Firebase, Python, ML

- Developed an AI-powered assistant and e-commerce platform for farmers with a farmer-friendly UI.
- Integrated real-time features, automation, and accessibility enhancements for rural users.
- Built and trained ML models on agricultural datasets for crop recommendation and disease detection.
- Achieved Runner-up at IIT Bombay Eureka Pitching Competition for innovation in agri-tech solutions.

Achievements

Winner – Hackathon (1st Place)
Developed Elder Care Reminder System with voice alerts and smart reminders; won 1st Prize at a hackathon for supporting independent elderly living.

Skills

- python
- C++
- Java
- DSA
- react
- Next.js
- Node.js
- tailwind
- AWS
- Google Cloud
- Cloud Computing
- MY SQL
- AI & ML
- Data Analytics
- Machine Learning & Modeling
- Statistics & Math
- Data Handling & Big Data
- Problem Solving & Communication

Certificates

Unstop Certificates
- Completed 20+ certifications on Unstop in DSA, CP, and software development.
- Enhanced problem-solving skills through coding contests and hackathons.

Google Cloud Computing certificates

Postman API Fundamentals Student Expert

Google Cybersecurity Certificate

Google Generative AI (Gemini)

Student Placement Cell Member

GHC &GHCI Scholar 2024
Recognized for technical excellence and leadership in technology.

Amazon ML Summer School 2025
Math – Linear Algebra, Probability, Statistics, Calculus
ML Concepts – Regression, Classification, Clustering, PCA, Neural Networks, Gradient Descent
Problem Solving – Analytical thinking, applying ML to data