SAMIKSHA SHARMA

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SUMMARY

First-year M.Tech student with a strong interest in problem-solving and software development. Eager to explore various domains within software engineering, including web development and Machine Learning.Familiar with multiple programming languages. Seeking opportunities to contribute to innovative projects and enhance technical skills through internships and academic research.

EDUCATION

International Institute of Information Technology, Hyderabad   July 2024-Ongoing
M.Tech in Computer Science and Information Security

Bhilai Institute of Technology, Durg   Dec 2020-July 2024
B.tech in Computer Science and Engineering   9.36/10

Academic World School, Bemetara   June 2020
Class XII, CBSE   96%

Academic World School, Bemetara   June 2018
Class X, CBSE   96.4%

RELEVANT COURSES

- Data structures and Algorithms • Database Management systems • Operating Systems • Computer Networks
- Machine Learning • Cryptography and Network Security • Discrete Mathematics • Engineering Mathematics

PROJECTS

FarmAI-Smart Farming Solutions using Machine Learning
- Implemented machine learning models Random Forest, XGBoost, Logistic Regression to analze soil data.
- Developed a plant disease detection module using Convolutional Neural Networks (CNNs) to identify common diseases.
- Created a flask web application for user interaction.

EasyKitab
- Developed a Flutter app for buying and selling old books with real-time data synchronization using Firebase Firestore.
- Implemented user authentication and management using Firebase Authentication.
- Integrated search functionality, user profiles, and book listing features for a seamless user experience.

CERTIFICATIONS

- Machine Learning- Coursera 🔗
- Problem Solving through programming in C- Nptel 🔗

TECHNICAL SKILLS

Languages: • C • C++ • SQL • Python
Technologies: Git

SCHOLASTIC ACHIEVEMENTS

- GATE CS 2024 - Achieved a percentile of 95.06 among 123967 students who appeared for the exam.
- GATE DA 2024 - Achieved a percentile of 90.07 among 39210 students who appeared for the exam.
- Received AICTE Pragati Scholarship in 2021.
- Received Certificate of Merit for being among top 0.1 percent students in social science by CBSE.

RESPONSIBILITIES

- Graphic Designer at Technohub BIT, Durg in freshman year