

Shaik Neha Sumaya

B.Tech CSE (Artificial Intelligence & Machine Learning)

Vijayawada, Andhra Pradesh, India

■ nehasumaya@example.com | ■ Portfolio | ■ GitHub | ■ LinkedIn

About Me

I'm an enthusiastic Computer Science student specializing in Artificial Intelligence and Machine Learning, passionate about developing intelligent systems that make technology smarter and more human-centered. I enjoy solving complex problems through code, exploring how AI can transform industries, and continuously learning new technologies to enhance my skills.

Education

Prasad V. Potluri Siddhartha Institute of Technology (PVPSIT)

Bachelor of Technology in CSE (AIML) | 2023 – Present

Technical Skills

- Languages: C, Java, Python
- AI/ML: Scikit-learn, TensorFlow (beginner), Pandas, NumPy
- Web: HTML, CSS, JavaScript (basic)
- Database: MySQL
- Tools: Git, GitHub, VS Code, Jupyter Notebook

Projects

Malware Detection Using Machine Learning – Developed a machine learning model to detect malicious `.exe` files using feature extraction and classifiers like Random Forest and SVM.

Quantum Key Distribution Simulator (BB84 Protocol) – Built using IBM Qiskit to simulate quantum encryption and AES-based secure communication, with a React-based frontend for visualization.

Certifications

- Python for Data Science – [Platform Name]
- Introduction to Machine Learning – [Platform Name]
- Java Programming Fundamentals – [Platform Name]

Achievements

- Participated in hackathons on AI-driven innovation
- Solved coding challenges on HackerRank & CodeChef
- Presented academic mini-projects on data-driven solutions

Soft Skills

Problem Solving | Teamwork | Adaptability | Communication

Interests

Artificial Intelligence | Cloud Computing | Quantum Computing | Coding Challenges