

# SHRUTI SHIVHARE

+91 7080991729

sshruti7080@gmail.com

linkedin.com/in/shruti

github.com/shruti

## Education

Dr. APJ Abdul Kalam Technical University, Lucknow

2021 – 2025

Bachelors in Computer Science and Engineering

7.81/10

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Machine Learning
- Python
- OOP
- Database Management
- C++
- System Design

## Experience

J.P. Morgan Software Engineering Virtual Experience on Forage

Mar 2024 - Apr 2024

Software Engineering Job Simulation - [Link](#)

- Build an interface with a stock price data feed and visually display data with an accuracy of 95 percent to assist our traders as a Software Engineer at JPMorgan Chase.

CodeSoft

Oct 2023 – Nov 2023

Front End Developer Intern - [Link](#)

- Created a frontend tool currently 70 percent finished, exhibiting an 80 percent efficiency increase; greatly optimized operational speed and improved overall user interface and functionality.

Srajan E-Cell Club

February 2023 - Present

Innovation Council Member

- Supporting and stabilizing daily operations, aligning efforts with event goals. Collaborated closely with organizational leaders to execute strategic plans. Resulting in a 20 percent increase in event success metric.

## Projects

VIGILANCE-NET: AI-Powered Security Camera Surveillance |

Jun 2024 - Present

- Implemented a cutting-edge real-time threat detection platform leveraging Deep Learning and Computer Vision with Python and OpenCV; boosted detection accuracy by 50 percent and improved system reliability by 30 percent, ensuring robust security.
- Conducted technical and operational feasibility studies to ensure project viability. Followed Agile methodologies for iterative development and continuous improvement.

Ayurvedic Virtual Healthcare Assistant | NLP, ML, Flutter, HTML/CSS, Js, React.js

Nov 2023 - Feb 2024

- Developed and implemented an Ayurvedic virtual assistant for health in Hindi, integrating NLP, knowledge database, learning, dialogue management, and hardware/software requirements, resulting in a wellness promotion solution.
- This model helps in Ayurvedic access, health understanding with accuracy of 91 percent, and holistic wellness promotion, bridging language and knowledge gaps.

Fake News Predetection | Python, ML, HTML/CSS, Js - [Link](#)

May 2023 - Oct 2023

- Developed a machine learning model utilizing NLP techniques for fake news detection, achieving an accuracy rate of 92per on a test dataset of 10,000 articles.
- Engineered a machine learning algorithm in Python that analyzed customer data, resulting in a 20per increase in personalized recommendations and a 15perboost in average order value.
- Impact: The model can assist in identifying false information, to fight against misinformation.

## Certification

PCAP - Programming Essentials in Python (Cisco) - [Link](#)

C++ Certification (Udemy) - [Link](#)

Web Development (Udemy) - [Link](#)

Google Cloud (GeekForGeeks) - [Link](#)

## Technical Skills

Languages: C++, Python, C, JavaScript, HTML/CSS, SQL

Developer Tools: Git, Github, MySQL, VS Code, IntelliJ, Google Cloud Platform, Android Studio

Technologies/Frameworks: Node.js, React.js, Canva, Bootstrap, Tailwind, jQuery

Machine Learning: Regression, Classification, Clustering

## Achievements

- Solved 400+ problems on Leetcode, 5 Star in Hackerrank -[Link](#)
- Certificate of Appreciation – *Occult Gurkul* - [Link](#)
- 650+ Data Structure Problems in Coding Platforms.