# NAMOKAR JAIN

📞 8302397961 ✉ namokar2004jain@gmail.com 🔗 www.linkedin.com/in/namokar-jain-368128178/

## Technical Skills

**Languages and DataBases**: Python, Java, SQL, MySQL, C++
**Other Skills**: Web Development,Machine Learning

## Projects

**Driver Drowsiness Detection System**

*Machine Learning*

- Implemented an advanced LSTM-AE model for real-time detection of drowsiness among the drivers while driving that cut manual monitoring time by 10 hours weekly and enhanced accuracy rates beyond 95%, streamlining operational efficiency within the team.

- Developed and deployed a deep learning model using LSTM-AE for real-time drowsiness detection, cutting manual monitoring by 10 hours per week and enhancing detection accuracy.

- Led a cross-functional team of four to improve predictive accuracy by 30%, streamlining the model's deployment and reducing analysis time from weeks to days, enhancing decision-making efficiency.

- Designed and deployed a high-accuracy driver drowsiness detection model, achieving 95% accuracy with false positives below 3% during rigorous testing.

**Agro Shield: An efficient crop disease detection system**

*Machine Learning*

- Implemented a comprehensive evaluation strategy for machine learning models, improving disease classification efficiency by 40% and boosting diagnostic accuracy.

- Collaborated closely with team members averaging two years' experience each; collectively achieved higher diagnostic outcomes through iterative testing cycles yielding over 500 unique evaluations for optimum model.

Compiled and structured key sections of a research paper, conducting a thorough review of 20+ studies and documenting it in a structured manner. Identified critical insights on 8–10 crop diseases, enriching the analysis and reinforcing the study's conclusions.

## Awards & Achievements

**Sports**

- Secured 2nd place in the college volleyball championship by orchestrating team strategy, enhancing on-court communication, and executing high-pressure plays, contributing to a 20% improvement in match consistency and overall team performance.

- Executed a rigorous Badminton training regimen, dedicating 14 hours per week to skill enhancement and endurance building, resulting in improved match performance and securing a spot in the district-level competition.

**Technical Certifications**

- Completed the Stockpe Course on Stock Market, analyzing real-world case studies to identify three key factors influencing trading success while developing research skills essential for effective portfolio management.

- Earned a Coursera Certification in Computer Networking by mastering network protocols, infrastructure management, and advanced connectivity solutions through hands-on projects and in-depth coursework.

- Attained Silver + Elite certification from NPTEL in Cloud Computing by executing a comprehensive study plan that involved 200+ hours of coursework and hands-on projects, enhancing technical proficiency in cloud technologies.

**VII BioEngineering Conference (BEC) 2024, NIT Rourkela.**

- Certificate of Participation for presenting research and shared insights on advanced crop disease detection techniques on "Agro Shield: An Efficient Crop Disease Detection System".

## Education

**VIT Bhopal University**                                                        **Aug 2022 – May 2026**

*Bachelor of Technology in Computer Science and Engineering*                 *Sehore, Madhya Pradesh*