# Gaurav D. Handge

**Data Science || AI Developer**

+91 7709037059 || gauravhandge770903@gmail.com || LinkedIn

## PROFILE SUMMARY

Seeking an entry-level **AI&ML Developer** and **Data Scientist** or **Cyber Security Analyst** role in a dynamic organization, passionate about leveraging **AI**, **statistics**, **programming**, **ML**&**DL**, and **Ethical Hacking** to extract valuable insights for informed decision-making. Committed to continuous learning and staying updated on AI and data science advancements to deliver innovative solutions.

## EDUCATION

**Bachelor's degree in Artificial Intelligence and Data Science** — **Chandwad, Nashik, Maharashtra**
**SNJB's College of Engineering, chandwad** *SPPU UNIVERSITY* — *2021-25 | 423101*
*(Second batch)*
**CGPA: 8.71**

**12 TH (HSC EXAMINATION)** — **Chandwad, Nashik, Maharashtra**
**Smt.J.R.Gunjal college Chandwad** — *2019-21 | 423101*
*MSBSHSE*
**PERCENTAGE : 81**

**10 TH (SSC EXAMINATION)** — **Dighwad, Nashik, Maharashtra**
*STATE BAORD* — *2018-19 | 423104*
***Swami Vivekanand Vidyalaya,Dighwad***
**PERCENTAGE : 80**

## SKILLS

- **Data Science**: Power BI, Tableau, airflow, Pyspark, Matplotlib, Seaborn
- **Machine Learning:** Supervised & Unsupervised Learning, Regression, Classification, Clustering (K-means, DBSCAN), Time Series Analysis, Dimensionality Reduction (PCA, LDA), Computer Vision
- **Deep Learning:** Neural Networks, CNNs, RNNs, LSTM, TensorFlow, Keras
- **Natural Language Processing (NLP):** Text Processing, Tokenization, Sentiment Analysis,Lexical analysis,Syntactic analysis
- **Cyber security:** Network SECURITY, Cloud Security, Cryptography, Cyber Algorithum, API , cyber tools
- **Programming:** Python (NumPy, Pandas, TensorFlow), SQL
- **Web Development:** Flask, HTML
- **Tools:** AWS, MySQL, MSSQL, SQLite, Git, Visual Studio Code, PyCharm,kali linux
- **Specialized:** IoT, Robotics, NLP, Data Visualization, 3D construction
- **Other:** blender, Figma, LaTeX

## POSITION

- **Innovation & Development Member| AART Committee at SNJB's KBJ COE** — **(SNJB,s Campus/June 2023)**
- **Cyber & Defence Head | Kavach Warriors** — **Jan. 2022**

## PROJECT

**1) Krishi-Astra : Data Science and Machine Learning Project** — **(August *2023 – Present)***

**It is Fertilizer Recommendation System and Artificial Pollination**

- Designed an AI-driven fertilizer recommendation system to enhance crop yield based on soil and environmental data.Utilized machine learning models like Random Forest for prediction and Streamlit for user-friendly interfaces.
- Implemented artificial pollination using a rover equipped with GPS and sensors for precision.Focused on improving agricultural productivity and sustainability through innovative technology
- Integrated features like pesticide recommendation and crop disease detection for holistic farm management.

***2) SOBO* | The AI Powered Robot** **(*AI Operated ROBO)***

Designed an interactive robot to provide detailed information about historical sites and structures where it is deployed.Improved engagement and education for visitors by offering automated and accurate information.

- Delivered real-time insights, including the history, architecture, and significance of the location.
- Integrated user-friendly interaction mechanisms for ease of accessibility.
- Focused on enhancing tourist experiences through technology-driven solutions.

***3)* Keylogger | Python Powered Cybersecurity Threat** **Cyber Security**

Built a keylogger application to demonstrate potential threats and enhance awareness of cybersecurity risks.
Increased awareness about keylogging as a cybersecurity threat and promoted best practices for data protection.

- Monitored and recorded keystrokes to simulate real-world cyber attack scenarios.
- Highlighted the risks of unauthorized access and importance of securing personal data.
- Educated users on how to detect and prevent keylogging attacks through practical demonstrations.

## CERTIFICATION Link

**AI/ML For Geodata Analysis / ISRO** **Aug.2024**
**Ethical Hacker/Cisco** **Oct.2023**
**Cyber Security/Google** **Sept.2023**

## LINKS

**Github**: Gaurav/02
**LinkedIn**: GauravLn//
**Wordpress**:Gaurav//W

## EXPERIENCE

### G-Tech Solution [AI@ML/DS]

**Dec.2023 - Mar.2024**
**Nashik**

- Gained hands-on experience in developing and deploying machine learning models for real-world applications.
- Conducted data preprocessing, feature engineering, and statistical analysis to extract actionable insights from large datasets.
- Worked on AI-driven projects that included predictive modeling, classification tasks, and natural language processing (NLP).
- Utilized tools and frameworks such as Python, TensorFlow, Scikit-learn, and Pandas to build scalable and efficient solutions.
- Developed algorithms to enhance the accuracy and efficiency of predictive analytics models.
- Collaborated with a cross-functional team to solve business problems using data science methodologies and AI techniques.
- Delivered a final project demonstrating the integration of AI/ML solutions to optimize processes and improve decision-making.