

Ajay Gopagoni

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PROFESSIONAL SUMMARY

Aspiring AI/ML engineer with internship experience in machine learning model development and data preprocessing. Skilled in Python, Scikit-learn, TensorFlow, and Power BI. Passionate about building intelligent systems and eager to contribute to innovative projects

EDUCATION

Institute of Aeronautical Engineering, Hyderabad, India Expected graduation: May 2027
B.Tech in Computer Science and Engineering (Artificial Intelligence and Machine Learning) GPA: 7.3

Vathsalya Institute of Science and Technology, Hyderabad, India May 2024
Diploma in Computer Science and Engineering GPA: 7.5

Ts Model School, Dariyapur, Peddapalli March 2021
SSC GPA: 100%

TECHNICAL SKILLS

Programming Languages: Java, Python etc.

Tools: Power BI, Excel, MySQL, SQLite, Git, VS Code etc.

Front-End: HTML, CSS, JavaScript, React JS etc.

Frameworks: Pandas, Numpy, Scikit-Learn, Matplotlib, TensorFlow etc.

Soft Skills: Excellent Communication, TeamWork, Problem-Solving, Critical Thinking etc.

INTERNSHIPS

Cloud Technologies, Hyderabad, Telangana

Machine Learning Intern May-5 – May-30

- **Developed and trained ML models** using Python libraries (e.g., Scikit-learn, Pandas, NumPy) for tasks such as data classification, regression, and prediction.
- **Performed data preprocessing and feature engineering** to clean, transform, and optimize datasets for better model performance.
- **Implemented and evaluated model performance** using metrics like accuracy, precision, recall, and R^2 score, and optimized hyperparameters for improved results.

PROJECTS

Forward privacy Prevention (GitHub) July 2025

- **Engineered a forward privacy prevention system** to safeguard sensitive data in cloud environments, mitigating risks of unauthorized access and enhancing overall security compliance.
- **Implemented advanced cryptographic algorithms** using Python and secure encryption libraries, ensuring data confidentiality while maintaining optimal processing speed.
- **Optimized and validated the solution on real-world datasets**, improving scalability and reducing potential vulnerabilities by 25% through efficient resource utilization.

CERTIFICATES

Certificate on Generative AI for Data Science – Microsoft	May 2025
Certificate on Building a Machine Learning Ready Organization – AWS	April 2025
Certificate on Building LLM Applications With Prompt Engineering – NVIDIA	July 2025
Certificate on AWS Certified Developer – Infosys	May 2025
Certificate on Data Analysis with Python – IBM	April 2025

CODING PROFILES

LeetCode: 90+ Problems Solved – 2025

Hacker Rank: 50+ Problems solved

GeekForGeeks: 50+ Problems solved

E-PROFILES

- **GitHub:** <https://github.com/gopagoniajay> – Code repositories showcasing personal and academic projects.