

# Ajay Gopagoni

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## PROFESSIONAL SUMMARY

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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

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

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

<b>Ts Model School, Dariyapur, Peddapalli</b>	March 2021
SSC	GPA: 100%

## TECHNICAL SKILLS

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**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

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### 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 <sup>2</sup> score, and optimized hyperparameters for improved results.	

## PROJECTS

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<b>Forward privacy Prevention (GitHub)</b>	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

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Certificate on Generative AI for Data Science – Microsoft	May2025
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

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**LeetCode:** 90+ Problems Solved – 2025

**Hacker Rank:** 50+ Problems solved

**GeekForGeeks:** 50+ Problems solved

## E-PROTOFILES

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