

# Ajay S

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## Professional Summary

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Motivated and analytical **AI & Data Science student** skilled in **Full Stack Web Development, Data Analytics, and Machine Learning**. Passionate about developing intelligent systems that solve real-world problems in automation, healthcare, and smart cities. Proficient in Python, JavaScript, and SQL with hands-on experience in AI model building, dashboard analytics, and responsive UI design. Seeking a role as a **Full Stack Developer** or **Data Analyst Intern**.

## Education

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**KGiSL Institute of Technology**, Coimbatore, India

B.Tech in Artificial Intelligence and Data Science

Sep 2023 – May 2027 (Expected)

**CGPA:** 8.8 / 10

*Coursework:* Machine Learning, Deep Learning, Data Structures, Big Data, Computer Vision, Data Analytics, SQL.

## Technical Skills

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- **Languages:** Python, JavaScript, Java, TypeScript, HTML, CSS
- **Frameworks & Tools:** React.js, Node.js, Express.js, Flask, TensorFlow, Keras, OpenCV, YOLOv8, Flutter
- **Databases:** MongoDB, PostgreSQL, MySQL, Firebase
- **Data Analytics:** Pandas, NumPy, Excel, Matplotlib, Seaborn, Power BI (Basics), SQL, Data Visualization
- **Version Control:** Git, GitHub
- **Soft Skills:** Teamwork, Problem Solving, Analytical Thinking, Communication, Adaptability

## Experience

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**Full Stack Development Intern – Thennai Tech Pvt Ltd, Coimbatore**

Jun 2025 – Jul 2025

- Developed dynamic web apps using **React.js**, **Node.js**, and **MongoDB**.
- Built RESTful APIs ensuring smooth data flow between frontend and backend.
- Improved UI responsiveness, database performance, and scalability.

**Volunteer – InPyExpo (Python Community Event)**

Jan 2025 – Mar 2025

- Assisted in organizing Python, AI, and Data Science workshops.
- Guided participants in hands-on coding and visualization exercises.

## Projects

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**File Authenticity & Document Extension Validation** (GitHub)

(Mar 2024 - May 2024)

- Developed a Python tool to verify file authenticity and detect malicious extensions.
- **Tech:** Python, OS Libraries, File Handling.

**Crop Field Detection Dashboard** (GitHub)

(Oct 2024 - Nov 2024)

- Created a dashboard to detect and visualize agricultural data using **Python + SQL**.
- **Tech:** Pandas, NumPy, MySQL, Matplotlib, Excel.

**Masking Tool for Documents** (GitHub)

(Aug 2025 - Sep 2025)

- Created a **Flask** app using **OCR + OpenCV** to mask confidential data in documents.
- **Tech:** Python, Flask, OpenCV, OCR, Regex.

**Restaurant Ordering System (Internship Project)** (GitHub)

(Jun 2025 - Jul 2025)

- Built a full-stack restaurant order management web app.
- **Tech:** Vue.js, Node.js, JavaScript, MongoDB.

## Achievements

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- **Top 20 – DevDay 2025:** Won 2000 cash prize for debugging and open-source contributions.
- **3rd Prize – Project Expo 2025:** AI-based Traffic Management System.
- **Paper Presentation – Krishna College 2024:** IoT-based Drug Analysis & Driver Monitoring.
- **Best Performance – InPyExpo 2024:** File Authenticity & Document Validation Project.

## Certifications

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- Oracle – OCI AI Foundations
- Coursera – Machine Learning with Python, Deep Learning, Neural Networks, Ethical Hacking
- OCI Generative AI – Ongoing

## Declaration

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I hereby declare that the information provided above is true and accurate to the best of my knowledge.

**Signature:**

**Ajay S**