

ARUN KUMAR A

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[portfolio](#)

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Professional Summary:

Final-year AI student developing foundational skills in Python, SQL, Data Analysis, and Machine Learning. Currently working on beginner-level projects and improving problem-solving through DSA practice. Highly motivated to learn modern AI tools and contribute to real-world projects.

Skill:

- **Programming languages:** Python ,SQL
- **Frameworks&Libraries:** Numpy ,Pandas ,Matplotlib
- **Developer Tools:** Git ,Github ,Jupyter ,VScode
- **Databases:** My SQL ,Postgre SQL ,MS Excel
- **Domains:** Machine Learning ,Deep Learning ,NLP ,LLM ,AI Agents

Education:

B.Tech,Artificial Intelligence&Data Science—Kingston Engineering College,Vellore – 7.7 [2022 – 2026]

HSC – Don Bosco matric higher secondary school, Vellore – 79.83%

[2021 – 2022]

SSLC – Desia matric school, Vellore – 79.4%

[2019 – 2020]

Projects:

Smart Traffic Management System (1 month)

Designed an IoT-based Smart Traffic Management System that automatically monitors and optimizes traffic flow using sensor data, improving signal efficiency and reducing manual intervention.

Internship:

CSIR-CSIO Chennai, India (sept – 2024)

- Worked on a real-time IoT project involving sensor data collection, automation logic, and system monitoring.
- Gained hands-on experience in data preprocessing, analytics, and understanding how real-time data supports AI/ML workflows.

Workshop:

Python Automation Workshop - IIT Madras, Chennai, TN (1 day)

- Gained hands-on experience in Python-based automation, covering scripting, file handling, web scraping, and workflow automation.

The Cloud Era of Azure - VIT, Vellore, TN (1 day)

- Learned fundamentals of cloud computing, Azure services, deployment models, and their use cases in real-world applications.

Certifications:

- **Data Analytics** – Google SkillBoost (2 Months)

LANGUAGE:

- **ENGLISH**
- **TAMIL**