

Aryan Raj Singh

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Email: aryanrs.official@gmail.com

Contact: +91 8951976774

SUMMARY

Aspiring Software Developer with a strong foundation in Python, Java, data analysis, and machine learning. Eager to apply technical expertise to solve complex problems, develop predictive models, and contribute to data-driven decision-making in a dynamic and innovative environment.

EDUCATION

Sapthagiri College of Engineering	Bengaluru, India
Bachelor of Engineering (CSE), GPA: 8.6	Dec 2022-April 2026
MGVM Pre-University College	Belagavi, India
XII, Percentage: 85.6%	April 2021-April 2022
Kendriya Vidyalaya No.1 AFS Samba	Belagavi, India
X, Percentage:70.16%	April 2019-April 2020

SKILLS SUMMARY

- **Languages:** Java, Python, SQL
- **Frameworks:** Spring Boot, Pandas, Numpy, Matplotlib, Tensorflow, Flask, Django
- **Tools:** Git, GitHub, MySQL, AWS, Power BI, API Integration, GitHub Copilot
- **Platforms:** Visual Studio Code, Jupyter, IBM Watson, IntelliJ, Google Colab
- **Soft Skills:** Stakeholder Management, People Management, Excellent Communication

PROJECTS

- ANN Regression Model to Predict the Electrical Energy of a Power Plant** | [Link](#) **Jan-2025**
- **Developed an ANN Regression Model** to predict Electrical Energy Output of a Combined Cycle Power Plant.
 - **Used Python and Google Colab** for model development, training (80% data), and performance evaluation.
 - **Analyzed a dataset** of 10,000 entries to improve training accuracy, **achieved 98% prediction accuracy** by effectively training the model.

WORK EXPERIENCE

- AI and Cloud Intern | Edunet Foundation(Non-Employable)** | [Link](#) **Jun 2024-July 2024**
- Explored various IBM AI and Cloud technologies such as SkillsBuild, IBM Cloud Platform & IBM Watson Studio.
 - Mapped city-specific tax contribution datasets into insightful graphical representations using data visualization frameworks, which pinpointed three major causes of reporting errors and averted potential compliance issues.
 - Visualised the datasets in graphical formats using Data Visualisation Frameworks Pandas and Matplotlib using IBM Watson Studio.
 - Harnessed the use of Python for data manipulation, analysis, and visualization.

ACHIEVEMENTS

- Won **First Prize in a Hackathon** organized by the Computer Science Department, as part of a 4-member team, developed a web application that allows students to collaboratively annotate documents, share notes in real-time, create shared flashcards, and organize study materials for specific courses.
- Won **Second Prize in a Hackathon** organized by the Information Science Department, as part of a 4-member team, developed a Teacher Attendance System which allowed teachers to mark their attendance with their mobile phone only if they are within the College Premises.

CERTIFICATES

- Complete A.I. & Machine Learning, Data Science Bootcamp** | [Certificate](#) **May-2025**
- Completed 44-hour AI & Machine Learning Bootcamp on Udemy, gained hands-on experience with Python, TensorFlow, Pandas, and Scikit-learn.
- Cloud Computing (ExcelR)** | [Certificate](#) **Aug-2024**
- Completed a 30-hour Live Training Program leveraging cloud tools and technologies, and how it stores the data over the cloud.
- Enterprise-Grade AI (IBM)** | [Certificate](#) **June-2024**
- Learned about the AI integrations with different technologies and their various use cases in real-time projects.