

Aryan Raj Singh

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CAREER OBJECTIVE

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

SKILLS SUMMARY

- **Languages:** Python, SQL, Java
- **Frameworks:** 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
<ul style="list-style-type: none">○ 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
<ul style="list-style-type: none">○ Explored various IBM AI and Cloud technologies such as SkillsBuild, IBM Cloud Platform & IBM Watson Studio.○ Streamlined various datasets such as Healthcare reports, Tax contribution reports city wise, and learnt their various use cases to be implemented in future.○ 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
<ul style="list-style-type: none">○ 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
<ul style="list-style-type: none">○ 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
<ul style="list-style-type: none">○ Learned about the AI integrations with different technologies and their various use cases in real-time projects.	