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   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 Sambra   Belagavi, India
X, Percentage:70.16%   **April 2019-April 2020**

SKILLS SUMMARY

- **Languages:**   Java,Python, SQL
- **Frameworks:**   Spring Boot, Pandas, Numpy, Matplotlib**,** Tenserflow, 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**
- o **Developed an ANN Regression Model** to predict Electrical Energy Output of a Combined Cycle Power Plant.
- o **Used Python and Google Colab** for model development, training (80% data), and performance evaluation.
- o **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**
- o Explored various IBM AI and Cloud technologies such as SkillsBuild, IBM Cloud Platform & IBM Watson Studio.
- o Streamlined various datasets such as Healthcare reports, Tax contribution reports city wise, and learnt their various use cases to be implemented in future.
- o Visualised the datasets in graphical formats using Data Visualisation Frameworks Pandas and Matplotlib using IBM Watson Studio.
- o Harnessed the use of Python for data manipulation, analysis, and visualization.

ACHIEVMENTS

- o 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.
- o 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 Premisis**.**

CERTIFICATES

Complete A.I. & Machine Learning, Data Science Bootcamp| Certificate   **May-2025**
- o 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**
- o 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**
- o Learned about the AI integrations with different technologies and their various use cases in real-time projects.