


AYUSH SUSHEEL

 [Portfolio](#)

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 <https://github.com/Ayushsusheel>

Education

Thapar Institute of Engineering & Technology, Patiala

Master's of Engineering in Computer Science

Aug 2024 – May 2026

CGPA : 8.38

University of Petroleum & Energy Studies , Dehradun

Bachelor's in Computer Science and Engineering with Specialization in Big Data

Aug 2019 – Dec 2023

CGPA : 8.37

Experience

Data Analyst Intern at UptoSkills

(Intern)

Jan 2025 – Present

(Remote)

- Currently focused on data collection part of different colleges from various sources available online.
- Later will design and develop dashboards for better decision-making.

Java Developer Intern at Adenza Group (NasDaq Calypso)

(Intern)

Jan 2023 – Jun 2023

(Mumbai)

- I contributed to the development of the DataUploader module in Calypso Software, for trade booking.
- I utilized JAXB and Dozer framework to efficiently map and fetch the necessary trade details from XML files.
- Additionally, I worked on client-specific enhancements and improved overall user experience.
- Created comprehensive documentation and published it on Confluence for team collaboration and knowledge sharing.

Backend Developer Intern at SaaSnest Technologies

(Intern)

Jun 2022 – July 2022

(Jaipur)

- Designed and developed few part of backend for the SaaSnest website using Java, Spring MVC, HTML, Twilio, MySQL, Java Mail Sender
- Implemented functionality where, upon candidate detail submission, an email is automatically sent to HR and Candidate with all the candidate's information.
- Integrated SMS notification which is sent to both HR and the candidate using Twilio.

Projects

Stock Price Prediction | Python, Matplotlib, Plotly, LSTM |

Dec 2024

- Developed a predictive model to forecast the future closing price of Google stock.
- Applied Time Series Forecasting techniques and Feature Engineering (Moving Average)
- Achieved an R-squared value of 0.9785 using LSTM-based deep learning model.
- Conducted initial data analysis using Descriptive Statistics.
- Evaluated model performance using MAE, MSE and RMSE.
- Provided insights and recommendations for financial market trend analysis.

Rice Crop Yield Prediction | Python, Data Visualization, Linear Regression, Decision Tree |

May 2024

- Worked on rice crop yield prediction using Linear Regression which models the relationship between weather, soil, and other factors affecting crop yield.
- Evaluated model performance using key metrics such as R-squared to assess the accuracy for crop yield.
- Also compared the model with Decision Tree algorithm.

Employee Management System | Java, Spring MVC, MySQL |

Dec 2023

- Created a web-application with implementation of CRUD operations which helps in managing the employee records.

E-Learning Portal | Java, HTML/CSS, Php, MySQL |

Aug 2023

- Implemented a LMS Portal which is accessible separately to learners and teachers to perform their course activity.

Client Server Chat Application | Java, Socket Programming |

Aug 2023

- Developed a java based chat application that works in unidirectional way within an area.

Technical Skills

Languages: Python, Java, XML

Technologies/Frameworks: Machine Learning, Spring MVC, SQL, HTML, CSS, Familiar with Flutter and Kotlin.

Soft Skills: Problem Solving, Analytical Thinker, Teamwork, Ambitious.

Spoken Languages: English, Hindi

Achievements

- Represented myself as "Head of Resource Planning Procurement" in U-Hackathon 3.0 (Participants from various countries) at UPES.
- Served as Campus Ambassador of XEBIA.

Certifications

- Data Science 101 ([Cognitive Class](#))
- Data Science Job Simulation on Forage ([British Airways](#))
- Introduction to Machine Learning ([Kaggle](#))