

Ayushee Jain



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Address: Adickesallee 36-38, 60322 Frankfurt a.M.

Visa status: Student Visa (with permission to work)

Date of birth: 22.02.1998

Place of birth: New Delhi, India

Citizenship: Indian

Website: [Ayushee Jain](#)

Technical Blog: [Ayushee's Blog \(hashnode.dev\)](#)

EDUCATION

Frankfurt School of Finance & Management, Frankfurt a.M.

09/2023 - Present

Master in Applied Data Sciences (M.Sc.)

- **Courses:** Quantitative Fundamentals, Data Analytics for Business, Computational Statistics and Probability

Vishwakarma Institute of Information Technology (VIIT), Pune, India

07/2016 – 05/2020

Bachelor in Electronics and Telecommunication Engineering (B.E.)

- **Bachelor Project:** IOT Based Kitchen Trolley Manager, Final Grade: First Division, **8.19/10.0 (With 10 being the best)**

The Bishop's School, Pune, India

05/2016

High School Diploma (University Entrance Qualification), Grade: **92.8%**

WORK EXPERIENCE

LTIMindtree, Pune, India

Software Engineer

10/2020 - 09/2023

1. Implemented a ground-up development strategy to develop MEAN, MERN applications and achieved efficient web applications with improved user experience and faster response times.
2. Managed application deployments on diverse cloud platforms such as PCF, OCP, and AWS, effectively utilizing a range of cloud services to meet application requirements.
3. Led the migration of legacy applications to more efficient microservices, overseeing the process and resulting in a more efficient application architecture.
4. Utilized Git, GitHub, and Gitlab, acquiring proficiency in source control and thereby improving collaboration capabilities.
5. Managed and configured multi-stage Jenkins CI/CD pipelines to optimize technological currency. As a result, achieved improved technology currency and streamlined deployment efficiency.
6. Initiated proactive measures to keep pace with industry trends by introducing innovative solutions and spearheading the integration of technologies like GraphQL and Allganize.

SKILLS

Frameworks & Programming Languages:

Intermediate: Python, SQL

Advanced: React, Angular, Node.js, JavaScript, Typescript, HTML5, CSS3

Integrated Development Environments & Tools:

Jupyter Notebook, Git, AWS, Google Analytics, VS Code

Languages:

English (native, bilingual), German (basic, pursuing A1), Hindi (native)

PROJECTS

Air Quality Analysis | Data Cleaning, Principal Component Analysis, Supervised ML

Examined the patterns and consequences of air pollution, specifically Particulate Matter (PM2.5), resulting from gasoline-related sources between 2000 and 2022, utilizing data aggregated from the United States Environmental Protection Agency's APIs. A decline in PM2.5 was observed owing to the Government's continuous efforts and policies.

Link: [5UMUK/ProjectAQI \(github.com\)](https://github.com/5UMUK/ProjectAQI)

Clustering Bonds According to Market Liquidity Using K-Means | Data Cleaning, Unsupervised ML, Bloomberg

Acquired bond securities data from the Bloomberg terminal, conducted data cleaning, employed K-Means for clustering bonds into high, moderate, or illiquid categories, and utilized principal component analysis for a two-dimensional visualization of the resulting clusters.

Link: [jainayushee/market-liquidity-clustering \(github.com\)](https://github.com/jainayushee/market-liquidity-clustering)

Titanic Survival Prediction Model | Supervised ML, Pandas, Scikit Learn, Numpy

A predictive system that uses Logistic Regression to determine whether an individual could have survived the Titanic disaster. The performance of the model indicated an accuracy of about 80%.

Link: [jainayushee/Titanic-Survival-Prediction-Model \(github.com\)](https://github.com/jainayushee/Titanic-Survival-Prediction-Model)

COURSES & CERTIFICATIONS

Smart Analytics, Machine Learning, and AI on Google Cloud

03/2023

Link: <https://drive.google.com/file/d/1UoXSXEWgr3uhyrLOXhWMYPegtxtWXVb/preview>

AWS Partner: Accreditation (Technical)

03/2022

Link: https://www.credly.com/badges/9a53127c-919d-424e-a312-8bc26d65fe26/public_url

AWS Partner: Accreditation (Business)

03/2022

Link: https://www.credly.com/badges/0c86e653-56d4-4409-a081-91be88bbf004/public_url

EXTRACURRICULAR ACTIVITIES

Entrepreneurship Development Cell, VIIT, India

06/2017 – 07/2019

Vice President, Entrepreneurship Development Cell, VIIT

- Took charge of the organization's functioning, overseeing significant accomplishments in sales, industry connections, and instilling an entrepreneurial mindset in students.
- Additionally, played a crucial role in orchestrating the guest invitation and participation for Vishwapreneur 2019, the organization's annual flagship event, contributing to its massive success.

Associate Human Resources Manager, Entrepreneurship Development Cell, VIIT

- Skillfully managed team human resources, fostering a robust team ethic that led to remarkable progress in creativity and the success of various events, including Business-Plan competitions, Vishwapreneur, Corpstrata, and others.
- As head of the Student Facilitation Centre, oversaw product flow and sales, resulting in an impressive 60% increase in sales and engagement during that year.

INTERESTS

Piano (Played the piano and electronic keyboard for 6 years)

Frankfurt a.M., den 12.10.2023



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