

Aditya Ranjan

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Experience

Full-Stack Developer

Aug 2022 – Aug 2023

Aurionpro Solutions

- Developed and optimized 10+ scalable RESTful APIs using Spring Boot, improving system throughput by 30% for real-time banking transactions.
- Addressed critical production bugs via Jira, maintaining high API uptime and platform stability.
- Upgraded front-end from AngularJS to Angular 14, reducing load times by 30% and enhancing code maintainability.
- Collaborated with backend, frontend, and QA teams to ensure seamless API integrations and reliable product deployments.

Projects

Credit Card Fraud Detection | Python, Sci-kit learn, MySQL

Feb 2025 - Apr 2025

- Trained machine learning models (KNN, Random Forest, etc.) on real transaction data to detect credit card fraud, measuring precision, recall, and F1-score.
- Automated data preprocessing and analysis with modular Python scripts and Jupyter notebooks for efficient, reproducible workflows.
- Achieved 94%+ accuracy on highly imbalanced data, proving strong potential for real-time fraud detection.

Data Science Job Trends India | Power BI

Feb 2025 – Apr 2025

- Analyzed real Glassdoor job data to uncover trends in salaries, company ratings, job sectors, and employment types across the Indian data science landscape.
- Designed and built an interactive Power BI dashboard with customizable filters for location, experience, and company type, enabling dynamic exploration of career opportunities.
- Delivered actionable insights for job seekers, recruiters, and educators to understand market demands, compensation benchmarks, and emerging opportunities in data science careers.

NFT Market Trends Analysis | MySQL

Aug 2024 – Sep 2024

- Analyzed Cryptopunks NFT sales data with advanced SQL queries to identify transaction trends and top sales within a leading NFT collection.
- Leveraged aggregations, window functions, and custom views to extract market metrics and trends from raw blockchain data.
- Delivered insights on monthly volumes, best-sellers, and outliers—enabling data-driven decision-making in the evolving NFT market.

Certificates

Introduction to Statistics, Stanford University

Nov 2024

Coursera — [Certificate Link](#)

Data Scientist Bootcamp

May 2024

upGrad — [Certificate Link](#)

Angular-Java Full Stack

Aug 2022

NIIT Stackroute — [Certificate Link](#)

Technical Skills

Languages: Python, C++, SQL, R

Technologies/Frameworks: Power BI, Hadoop, Angular, Spring-Boot, Git

Education

Lovely Professional University

2024 - Present

Master of Technology in Data Science and Analytics— CGPA: 7.7

Phagwara, Punjab

Dr. A.P.J Abdul Kalam Technical University

2016 - 2020

Bachelor of Technology in Computer Science— CGPA:6.7

Meerut, Uttar Pradesh