



Aditya Vardhan Nelatur

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Summary

Aspiring Software Developer with strong foundations in OOP, DBMS, OS, and Data Structures. Experienced in building efficient web applications and ML models using industry-standard tools.

Skills

Programming: C, C++, Java
Web Technology: HTML, CSS, JavaScript
Frameworks: React.js, Tailwind CSS
Tools: VS Code, Google Colab, Github
Databases: MySQL

Work Experience

AIML Intern — Edunet Foundation

Jun 2024 – Jul 2024

- Built a regression model predicting employee burnout with 92% accuracy on 22K+ records.
- Performed EDA, data cleaning, and ML pipeline development using Pandas, NumPy, and Scikit-learn.
- Earned IBM SkillsBuild Certification in AI/ML.

Projects

SmartExpense — Expense Tracker (React.js)

[GitHub](#)

- Built a React.js-based expense tracker with interactive pie chart visualizations.
- Implemented full CRUD operations using JSON Server.
- Tech:** React.js, JSON Server, Material UI, VS Code

Credit Card Fraud Detection (Machine Learning)

[GitHub](#)

- Developed ML models such as Logistic Regression, Decision Tree, Random Forest, and Gradient Boosting.
- Achieved **94% accuracy** after hyperparameter tuning.
- Tech:** Python, Scikit-learn, Pandas, Matplotlib, Seaborn

Employee Payroll Management (MySQL Project)

[GitHub](#)

- Designed a normalized relational database with constraints and foreign keys.
- Improved payroll accuracy by implementing optimized SQL queries.
- Tech:** MySQL, SQL Queries, Database Normalization

Education

2022 – Present	B.Tech in Computer Science & Engineering , SRM University AP	CGPA: 7.13
2020 – 2022	Intermediate , Excellencia Junior College	GPA: 8.93
2020	SSC , BSE Telangana	GPA: 10.00

Certifications

- MongoDB Certified Associate Developer (MongoDB Inc.)