

# Aditya Vardhan Nelatur

 AdityaVardhanNelatur

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## SUMMARY

Aspiring Software Developer with strong foundations in OOP, DBMS, OS, and Data Structures. Hands-on experience in building full-stack web applications and machine learning models using industry-standard frameworks and tools. Actively seeking software engineering roles in product-driven environments.

## SKILLS

<b>Programming</b>	C, C++, Java
<b>Web Technology</b>	HTML, CSS, JavaScript
<b>Frameworks</b>	React.js, Express.js, Node.js
<b>Tools</b>	VS Code, Google Colab, GitHub
<b>Databases</b>	MySQL, MongoDB

## 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

### Resumer.io - Resume Builder

[GitHub](#)

- Built a scalable full-stack resume builder with real-time editing and instant PDF generation.
- Integrated AI-based resume content enhancement and parsing to automate resume creation workflows.
- Implemented JWT-secured authentication and optimized CRUD operations for multi-user usage.
- Technologies:** React, Node.js, Express, MongoDB, JWT

### Credit Card Fraud Detection

[GitHub](#)

- Designed an ML pipeline to detect fraudulent transactions from highly imbalanced financial datasets.
- Applied feature scaling, class-imbalance handling, and model comparison to improve detection reliability.
- Evaluated Decision Tree, Random Forest, Gradient Boosting, and Logistic Regression models.
- Technologies:** Python, Scikit-learn, Pandas, NumPy

### Banking System Database (Java + SQL)

[GitHub](#)

- Designed a relational database with customer, account, and transaction modules.
- Used SQL to implement secure transaction logic with constraints and rollback on failure.
- Integrated with a Java-based UI using JDBC for real-time interaction
- Technologies:** Java, MySQL, JDBC

## 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**, Board of Secondary Education, Telangana

CGPA: 10.00

## CERTIFICATIONS

- MongoDB Certified Associate Developer (MongoDB Inc.)