

Aditya Vardhan Nelatur

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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

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|-----------------------|-------------------------------|
| Programming | C, C++, Java |
| Web Technology | HTML, CSS, JavaScript |
| Frameworks | React.js, Express.js, Node.js |
| Tools | VS Code, Google Colab, GitHub |
| Databases | 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

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|----------------|---|-------------|
| 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.)