Arun Reddy

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Professional Summary

Results-driven Computer Science graduate with hands-on experience in full-stack development, data science, and machine learning. Proficient in Python, Java, and SQL, with a strong command of data structures, algorithms, and object-oriented programming. Proven ability to design, develop, and deploy scalable applications and predictive models from end-to-end. Eager to leverage a diverse technical skill set to build innovative software solutions and contribute to a high-impact engineering team.

Education

MVJ College of Engineering, Bengaluru   2021–2025
B.E. in Computer Science and Data Science   CGPA: 8.43
Relevant Coursework: Data Structures Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Software Engineering, Machine Learning, Cloud Computing

Technical Skills

- **Languages:** Python, Java, SQL, JavaScript, HTML/CSS, PHP (Basics)
- **Frameworks Libraries:** Flask, Django, Streamlit, Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn
- **Databases:** MySQL, PostgreSQL, MongoDB (Basics)
- **Tools & Platforms:** Git, VS Code, Azure (Familiar)
- **Core Concepts:** Data Structures Algorithms (DSA), Object-Oriented Programming (OOP), REST API Design, Full-Stack Development, SDLC, Agile Methodologies, Machine Learning, Data Analysis, ETL

Internship Experience

Python Developer & Analytics Intern – Dhee Coding Labs   Jul 2025–Present

- Engineered and maintained backend services using Python and Flask for a suite of performance monitoring tools.
- Developed REST APIs to integrate with data sources, automating analytics reporting for faculty and students.
- Built and deployed full-stack internal applications using Streamlit, improving operational decision-making.
- Participated in the full Software Development Life Cycle (SDLC) within an Agile sprint structure.

Data Analyst Intern – Extion Infotech   Dec 2024–Mar 2025

- Optimized data processing pipelines using advanced SQL queries and Python scripts, reducing data ingestion time by 40%.
- Developed backend logic for real-time monitoring dashboards, enabling proactive system performance analysis.
- Performed data cleaning, transformation (ETL), and exploratory data analysis (EDA) on large datasets.

Projects

Cloud9 Bank – Credit Lending API (Full-Stack, Machine Learning)   May–Oct 2023

- Architected and developed a full-stack credit lending application with a Python/Flask REST API backend, a PHP-based frontend, and a MySQL database.
- Integrated a logistic regression model to predict loan default risk with high accuracy, automating credit decisions.
- Designed and managed a normalized relational database schema to ensure data integrity and scalability.

Anomaly Detection in Transactions (Machine Learning, Docker)   Jan–Jul 2024

- Implemented an end-to-end machine learning system to detect fraudulent credit card transactions, achiev-

ing 93% accuracy.
- Designed a user-friendly dashboard with Streamlit for visualizing model predictions and transaction analysis.
- Containerized the full application using Docker for seamless deployment and portability.

Certifications

- **Google Data Analytics Professional Certificate – Coursera** 2024
- **Meta Database Engineer Professional Certificate – Coursera** 2024
- **IBM Data Science Specialization – Coursera** 2024
- **Advanced SQL and Power BI – Udemy** 2024

Achievements & Activities

- Solved problems on Data Structures and Algorithms on LeetCode and HackerRank (Python, SQL).
- Finalist in Hack Bangalore (AngelHack), where our team built a no-code workflow automation tool.
- Active member of college technical clubs, participating in coding competitions and workshops.