

Aniruddha Salvankar

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Summary

Aspiring AI & ML Engineer with a strong foundation in Python, Java, and core machine learning principles gained through internships and academic projects. Proficient in Scikit-learn, Pandas, NumPy, Flask, and experienced in data preprocessing, model development, and API integration. Passionate about building data-driven solutions to solve real-world problems, with a focus on continuous learning and improving technical and analytical skills.

Internship Experience

Suprajit Engineering Ltd. | Full-Stack Intern | Bangalore | Mar 2025 – Jun 2025

- Developed and deployed full-stack web applications using Node.js, PostgreSQL, HTML, CSS, and JavaScript to streamline data management and monitoring for bike wire and component production systems.
- Automated backend processes and optimized database workflows to track machine performance and production metrics, reducing manual data entry by 60% and saving 20+ hours weekly.
- Designed and integrated RESTful APIs for seamless data exchange between production units and dashboards, improving operational visibility and efficiency by 40%.

Nicozn Technologies | Frontend Developer Intern | Mangalore | Oct 2023 – Nov 2023

- Developed responsive front-end web pages using HTML, CSS, and JavaScript, ensuring cross-browser compatibility.
- Created interactive UI prototypes with Figma and implemented animations using GSAP to enhance user engagement.
- Managed web pages on Firebase Hosting, gaining hands-on experience in deployment and site maintenance.

Projects

E-Commerce Fraud Detection | Group | Jan 2025 – Mar 2025

- Built ML web app using Flask, Python, Scikit-learn, XGBoost, achieving 97% fraud detection accuracy.
- Applied data preprocessing, feature engineering, and hyperparameter tuning to improve performance.
- Designed a simple front-end interface and optimized back-end for faster analysis.

House Price Prediction | Individual | Oct 2024 – Dec 2024

- Developed a Python-based ML model to predict house prices, achieving a strong R^2 score consistently.
- Performed data cleaning, categorical encoding, scaling, and imputation for reliable dataset readiness.
- Compared Linear Regression, SVR, and XGBoost models, selecting the best via cross-validation.

College Placement Management | Individual | Mar 2025 – Jun 2025

- Built a Flask + PostgreSQL full-stack platform for 300+ users, reducing manual placement work by 40%.
- Implemented secure role-based dashboards, automated eligibility filtering, and real-time placement updates.
- Added advanced automated reporting and optimized database queries to improve efficiency and scalability.

Education

Degree	Institutes	Year	CGPA
B.E. in Artificial Intelligence and Machine Learning	Mangalore Institute of Technology & Engineering (MITE)	2021-2025	7.25

Certifications

Exploratory Data Analysis for Machine Learning — IBM | Coursera | Oct 2025

Technical Skills

Languages / Databases Python, Java, C, C++, PostgreSQL, MongoDB, MySQL

Frameworks / Libraries Flask, Node.js, Pandas, NumPy, Scikit-learn

Machine Learning Skills Data Preprocessing, Model Optimization, Supervised Learning