

Danish Ahmed

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Technical Skills

- **Languages:** Java, C++, Python, SQL, JavaScript (basic) HTML5, CSS3.
 - **Frameworks / Libraries:** Pandas, NumPy, Matplotlib, Java 8/11, Spring Boot, Spring MVC, Hibernate, Servlets, Apache, Maven.
 - **Databases:** MySQL, Workbench.
 - **Developer Tools:** Git, Visual Studio, Cursor AI, VS Code, Jupiter Notebook.
 - **Web/Operating System:** Windows, Linux.
 - **Technical Proficiencies:** Data Structure and Algorithms, Object-Oriented Programming, Database Management System, Data Science.
 - **Soft Skills:** Leadership, Problem-Solving, Collaborative.
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Education

Bachelor of Technology in Computer Science

PES University.

Bangalore

June 2021 – May 2025

Academic projects

Flat Price Prediction

Oct–2024 – Nov 2024

- Applied feature engineering to convert textual data (e.g., square footage and bedroom count) into numerical features.
- Implemented linear regression and explored other models like Lasso and Decision Tree Regressor for better accuracy.
- Used Machine Learning Algorithms (Linear Regression, Lasso, Decision Trees), Python (Pandas, NumPy, Matplotlib, Scikit-learn).

Fastag Allocation system | Python, MySQL

June 2024 – Dec 2024

- Developed a full-stack web application using Flask, MySQL enabling secure registration and management of agents and customers validation for enhanced security.
- Implemented a robust backend featuring an admin panel for tag allocation, seamless agent registration, and efficient customer management, improving operational efficiency and user experience. and release process.

End-to-End Machine Learning Projects: From Data to Deployment

- Designed and implemented complete ML pipelines in Python using Jupyter notebooks, covering data preprocessing, feature engineering, model training (CatBoost), evaluation, and versioned deployment.
 - Developed a modular architecture with reusable Python modules (src/), automated model artifact handling, and web integration using Flask/Streamlit for interactive predictions and visualization.
 - Built a deployable and production-ready solution including model serialization, logging (CatBoost training logs), and interactive web demos, showcasing practical ML workflows for real-world applications.
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Internship

Intern at Wipro Technologies, Bangalore

March 2025 – June 2025

- Developed and automated test scripts for the **Sync-4 infotainment system Automation** for Ford as part of a real-world project, improving testing accuracy and reducing manual effort.
 - Conducted feasibility analysis to identify high-impact test cases for automation, resulting in optimized resource allocation and enhanced test efficiency.
 - Actively participated in code reviews, team sync-ups, and documentation processes to maintain code quality and foster seamless team communication.
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Courses and Certifications

- Completed hands-on training in full-stack development, including front-end and back-end technologies.
 - Gained experience in building and deploying web applications using Java, Spring Boot, SQL and related technologies
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Achievement & awards

- Secured DAC Scholarship in 2nd, and 5th semesters.
 - Secured 3rd place in the Next-Hunt Hackathon 2023 among 50 teams at PES University, Bangalore.
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Hobbies

- Participating in Java Tech Community events to discuss innovations and practical applications
- Exploring emerging technologies through hands-on mini-projects and open-source contributions
- Collaborating with peers in the Java Tech Community to enhance problem-solving skills and discuss coding challenges.