

Ayushi Gupta

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EDUCATION

- Kalinga Institute of Industrial Technology** 2021 - 2025
 - B.Tech in Computer Science ; CGPA: 9.49

SKILLS SUMMARY

- Technical Skills:**
 - Programming Languages:** C, C++, C#, Python, TypeScript
 - Other Tech Stacks:** HTML, CSS, JavaScript, SQL
 - Programming Concepts:** Data Structures Algorithms, Object Oriented Programming, DBMS, Operating System
 - Developer Tools:** GitHub, Visual Studio Code, SQL Server Management Studio(SSMS), IntelliSense
 - Development Skills:** Full stack web development, Machine learning
 - Other Tools:** Microsoft Office Suite (Word, Excel, PowerPoint), Microsoft Azure, Jupyter Notebook, Salesforce, Jira

EXPERIENCE

- Software Development Intern** June 2024 - December 2024
 - TVS Motor* *On-Site*
 - Migrated 10 Master Module screens (e.g., Area Master, Vendor Master, Invoice Mapping) from ASP.NET Web Forms to Angular. Leveraged Angular for the UI, .NET Web API 2.0 for API development, and ADO.NET for database integration with SQL Server as the data source.
 - Resolved over 50 bugs reported through Jira for functional, load, and regression testing, translating business requirements into technical solutions and ensuring timely delivery within Agile Scrum teams, resulting in a 20% reduction in post-deployment challenges.
- Code Without Barriers-Women in AI** February 2024 - April 2024
 - Microsoft* *Remote*
 - Participated in 4 AI projects aligned with Azure AI, improving practical proficiency in diverse AI applications.
 - Collaborated with 5 industry experts on AI projects, improving problem-solving and leadership.
 - Enhance essential soft skills such as communication, teamwork, and leadership abilities.

PROJECTS

- Airbnb Clone**
 - Full-Stack Development*
 - Built a full-stack Airbnb clone using Spring Boot 3, Angular 17 (PrimeNG), PostgreSQL (Dockerized with pgAdmin 4), and Auth0 for authentication and role management.
 - Implemented booking management, property search, and landlord reservation features with domain-driven design and seamless backend-frontend integration. (Link)
- Dealership Management System(DMS)** TVS Motor Company
 - Full-Stack Development*
 - Built and deployed 10 DMS screens (8 in production) using Angular, .NET Web API 2.0, SQL, and TypeScript.
 - Designed user-friendly UI, developed APIs, and integrated SSMS server stored procedures with master data for enhanced functionality. (Link)
- Flight Price Prediction**
 - Machine Learning*
 - Analyzed over 300,000 rows of Ease My Trip data in CSV format, using 12 columns.
 - Executed robust data preprocessing, handling missing values, encoding variables, and normalizing data for analysis. Concluded meaningful insights from data using EDA.
 - Achieved 96.39% predictive accuracy using K-Nearest Neighbor model, outperforming other models. Employed five different machine learning models and selected the best out of them. (Link)

ACCOMPLISHMENTS AND CERTIFICATIONS (LINK)

- Microsoft Certified - Azure AI Engineer Associate:** Showcasing proficiency in designing and deploying AI solutions on Microsoft Azure. (Link)
- HackerRank Problem-Solving:** Completed both Basic and Intermediate levels, showcasing strong algorithmic and problem-solving abilities. (Link)
- The Breakthrough of Future Deliver: Delivery Robots:** Published a research paper in Scrivener, analyzing the evolution, applications, and challenges of delivery robots, with a focus on their role in Emerging Disruptive Technologies for Society 5.0. (Publication Link)
- Airbus Aerothon 6.0 Hackathon:** Achieved a top 10 position by developing an automated aircraft maintenance system.