

Aastha Kamboj

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Skills

Programming Languages: C++, Python, JavaScript

Core Concepts Object-Oriented Programming (OOP), Data Structures & Algorithms, Database Management Systems (DBMS)

Data Engineering And Analytics: ETL Pipelines, Azure Data Factory, Microsoft Fabric, Power BI ,PySpark

Web Development: HTML, CSS, React.js, Node.js, Express.js, Bootstrap, Tailwind CSS

Databases : MySQL, MongoDB, Azure SQL

Tools: Git, GitHub, Azure Devops

Experience

Associate Software Engineer, MAQ Software – Noida, India September 2024 – Present

- Designed and developed ETL pipelines using Microsoft Fabric and Azure Data Factory, applying programming skills (Python, PySpark) to transform and process large datasets efficiently.
- Built and tested Power BI data models, measures, and interactive reports, improving reporting performance and supporting business decision-making.
- Contributed to frontend development by creating React.js components from Figma designs for a performance-focused application ("Load Fast"), improving the loading speed of Power BI reports.
- Implemented CI/CD pipelines with Azure DevOps, using Git for version control, branching, and pull request workflows to ensure smooth UAT and production releases.
- Collaborated in an Agile team environment, participating in sprint planning, code reviews, and knowledge sharing with senior engineers.

Projects

Realtime Chat Application – LLM-Integrated Web App | Github Feb 2025 – March 2025

- Built a real-time chat application using Socket.io and MongoDB, supporting secure user authentication and persistent message storage.
- Integrated LLM API to auto-respond for users marked 'BUSY', with a fallback mechanism ensuring timely replies under 10 seconds.
- **Tech Stack :** Node.js, Express, Socket.io, MongoDB, LLM APIs, JavaScript, HTML/CSS

Rideasy – Bike Booking Platform | Github Jan 2025 – Feb 2025

- Developed a full-stack bike booking app with MongoDB, Express, and 3D model integration, enabling ride scheduling, test-drive booking, and visual bike previews.
- Collaborated in an Agile team to deliver a responsive, user-friendly interface focused on seamless booking experience.
- **Tech Stack :** Node.js, Express, MongoDB, JavaScript, Three.js

Certification

Microsoft Certified: DP-700 – Power BI Data Analyst Associate May 2025

Microsoft Certified: DP-600 – Fabric Analytics Engineer Associate Jan 2025

Education

Lovely Professional University, BTech in Computer Science Engineering Sept 2021 – Aug 2025

- CGPA: 8.66