

# Yashraj Gupta

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.E.	The National Institute of Engineering, Mysuru	8.56	2021-2025

## EXPERIENCE

### • AP Moller - Maersk

AIML Engineer

1 year

- Designed and implemented multi-agent frameworks leveraging Agno and custom orchestration layers, where agents could autonomously retrieve data, exchange knowledge, and coordinate actions using A2A protocols, AGUI, and Lovable, resulting in more adaptive and intelligent workflows.
- Built AI solutions across document intelligence pipelines, including OCR-based document reading, PII detection and anonymization, knowledge extraction, and real-time language translation, significantly reducing manual processing overhead.
- React-workflow was used to create interactive, graph-based data flow visualizations that improved observability in pipelines for Azure Data Lake Storage.
- Deployed scalable microservices and applications using Azure Kubernetes Service (AKS), integrated with CI/CD pipelines, and utilized PostgreSQL and MySQL for persistent storage.
- Built a computer vision system to monitor warehouse packing processes, detect whether workers were wearing safety gears, and analyze containers handling operations. Leveraged tools like OpenCV, YOLO, and training of model.

### • Mikado solutions

Fullstack developer

2 months

- Developed a full-featured e-commerce web application allowing users to buy and sell student/ academic projects, including product listings, payments, search, and user profiles.
- Worked as part of an agile team, engaged in sprint planning, did peer code review, and deployed the app into production.

### • Sellular Networks

Fullstack Developer

5 months

- Conceived and developed a secure and scalable payment system allowing users to purchase event tickets and manage their payments easily.
- Integrated payment gateways (Razorpay) and implemented transaction logs, refunds and e-mail confirmations.
- Developed role-related dashboards for the event organizer and participant to manage events, review analytics, and view payments.

## PROJECTS

### • Jarvis AI | Github |

Tools: Python, Googlesearch-python, Selenium, PyQt5, Web Scraping, Gemini, Pyqtl

- Implemented real-time chatbot capabilities, integrated with speech recognition and text-to-speech
- Python-based voice and text assistant capable of real-time interaction and performing automated tasks like web search, file operations, YouTube search, and weather/news updates, Image generation,

### • Airbnb clone| Github | Live-Link

Tools: Next.js, Tailwind, CSS, Typescript, Prisma, env variables, MongoDB, Vercel

- Developed a full-stack Airbnb clone from scratch using Next.js for the front end, Prisma for database management, and MongoDB for data storage.
- Designed and implemented a user-friendly interface replicating key features of Airbnb, including property listings, search functionality, booking system, user authentication.

### • Blog-AI | Github | Live-Link

Tools: Nodejs, Expressjs, Javascript, Reactjs, Redux, Mongodb, GenAI, Gemini

- Developed a full-stack blogging platform enabling users to create, edit, and manage blog content with an intuitive UI and secure backend.
- Integrated Google's Gemini API to auto-generate SEO-friendly blog titles and descriptions based on the user's content, reducing manual effort and improving content quality..
- Enabled real-time content suggestions using AI, enhancing user creativity and speeding up the writing process.
- Implemented features like image uploads, category filters, and rich-text editing to support a complete publishing workflow

## TECHNICAL SKILLS

• **Languages:** C,C++,Javascript,SQL,Python,Java

• **Technologies/Libraries:** ReactJs, NextJs, ExpressJs, NodeJs, Opencv, LLMs, Genai, Springboot, Fastapi, Multiagent, Mongodb, Mysql,Azure cloud