

Ayush Mangal

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Education

Manipal University Jaipur <i>Bachelor of Technology in Information Technology (GPA: 8.3 / 10.00)</i>	2020 - 2024 Jaipur
Mount Litera Zee School <i>Intermediate (Percentage : 92%)</i>	2019 - 2020 Agra
St.Peter's College <i>High School (Percentage : 92%)</i>	2017 - 2018 Agra

Technical Skills

Frontend: JavaScript (ES6+), React.js, Next.js, REST API Integration

Tools & Platforms: Git, GitHub, Docker, Postman, Webpack

Backend & Databases: Node.js, Express.js, SQL

GenAI & APIs: OpenAI API, LLM Orchestration

Experience

System Engineer <i>Tata Consultancy Services</i>	Sept 2024 – Present Noida, UP
<ul style="list-style-type: none">Developed reusable React components and user-facing features for internal tools, focusing on UI responsiveness and maintainable frontend architecture.Integrated REST APIs and AI-powered features into frontend workflows using OpenAI APIs, improving productivity and reducing manual effort by approximately 50%.Collaborated with backend engineers and product teams to translate requirements into scalable frontend features and intuitive user interfaces.	

Internship

Software Developer Intern <i>Inventia Technologies Pvt. Ltd.</i>	Feb 2024 – Sept 2024 Noida, UP
<ul style="list-style-type: none">Built real-time data systems using Apache Kafka and Docker to support application features and analytics for large-scale platforms.Developed Java-based data consumers to process and structure high-volume data, improving system response time by approximately 50%.Enabled reliable data delivery for downstream applications and dashboards by designing scalable and fault-tolerant data processing workflows.	

Projects

AI Agent UI Library | *Next.js, React, TypeScript, ShadCN UI, Tailwind CSS*

- Designed and developed a reusable UI component library for AI agent dashboards and applications using Next.js and ShadCN UI.
- Built modular components such as chat interfaces, agent status panels, workflow visualizers, and prompt management panels for AI-driven applications.
- Focused on scalability, design consistency, and developer experience by creating customizable, responsive, and themeable UI components.

AI Invoice Manager | *React, JavaScript, Python, Flask, OpenAI API*

- Built an AI-powered web application to analyze and categorize invoice transactions with a focus on usability and user experience.
- Designed interactive frontend components to visualize categorized financial data and insights for end users.
- Integrated OpenAI APIs to automate transaction classification and enable real-time processing of financial records.

Achievements

- Solved 300+ DSA problems on **LeetCode**.
- 3 star Coder on **CodeChef** (1600+ rating).
- 4 star in Java & SQL on **HackerRank**.