

# GAJENDRA KUMAR NAGAR

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## EXPERIENCE

### Frontend Developer Intern | Vijaya.AI

Present – September 2024

- Designed and developed a responsive UI for the company's platform using **React**, **Material UI**, and **Shadcn**, enabling seamless customization of Large Language Models (**LLMs**) and enhancing user experience for over 1,000 users.
- Collaborated with backend team to integrate APIs, ensuring smooth front-end and back-end communication, and implemented 5 API features with React to optimize functionality and usability.
- Engineered 4 secure authentication frameworks alongside interactive **dashboard** segments such as Fine Tuning and RAG; optimized data handling capabilities while ensuring seamless integration with existing system architecture to support effective LLM utilization.

### Frontend Developer Intern | JOYMETTEC Pvt Ltd.

July 2023 – May 2023

- Created and maintained 5 web applications using a technology stack comprising React.js and Material UI Framework, enhancing website performance and functionality for over 2,000 users.
- Created a visually appealing and responsive user interface for 3 **catalog** and **product pages**, ensuring an optimal user experience across various devices and screen sizes.
- Developed efficient communication between front-end applications and back-end services by introducing 10 distinct textbfAPI endpoints; findings identified as crucial for improving app stability across diverse devices used by over 2,000 users.
- Introduced 4 new features to the product page to assist consumers in making informed decisions based on their preferences, incorporating iterative development for continuous improvement of user experience and functionality.

## PROJECTS

### Chatify | React.Js, Material UI, Firebase

January 2024 – August 2023

- Built a personalized chat room using React.js, MUI, and Firebase, supporting real-time **messaging**, **image** sharing, and **reactions**. Enhanced engagement for over 500 users through a sleek, responsive interface with a 30% improvement in user interaction.
- Architected robust notification and user status features, enabling real-time alerts and online presence indicators, which improved user retention by 25% and boosted overall platform activity.

### Orange-Farm | React.js, Node.js, D3.js, Downsampling

August 2023 – June 2023

- Generated a frontend dashboard using React.js, Node.js, and D3.js, featuring a responsive "Growth" graph to visualize profit trends.
- Improved performance by implementing a custom downsampling algorithm to efficiently handle and render datasets of approximately 70,000 rows, ensuring smooth graph rendering and boosted user experience.

### News-Monkey | React.js, API

April 2023 – January 2023

- Crafted a news application using React.js and Bootstrap, fetching real-time data from an external API to deliver updates across 6 categories.
- Integrated **React Router** for seamless navigation and refined the UI for over 100 users with a visually appealing, responsive design.

## TECHNICAL SKILLS

**Languages** : C++, Core Java, Python, MYSQL, JavaScript, TypeScript, HTML, XML, CSS

**Frameworks & Tools** : React.Js, Node.js, ExpressJS, Bootstrap, Material UI, Postman, VS Code

**Programing & Computer fundamentals** : DSA, OS, DBMS, OOPS, SOLID, Design patterns, Low Level Design

## COMPETITIVE PROGRAMING

**Codestudio (Dominador) - 1857 | Codeforces (Expert) - 1629**

## EDUCATION

IIT ISM Dhanbad  
Target Sr. Sec. School

**Bachelor of technology** | CE  
**Secondary Education** | BSER

May 2024 – December 2020  
April 2019 – July 2018

## ACHIEVEMENTS

**Received an International placement offer for Jr software engineer role** | Avero Inc NY, USA  
**Winner(Street Dance Crew Battle)** | InterIIT 5.0

May 2024  
Jan 2023