

HARSHIT S. TOMAR

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EXPERIENCE

Gravit Infosystems Pvt. Ltd.

Software Engineer

April-2023 - December-2023

- Implemented a robust real-time data caching mechanism, optimizing data retrieval for enhanced system responsiveness and reduced latency.
- Ensured transaction security and compliance by incorporating PayPal's encryption and authentication features, enhancing trust and reliability for users engaging in financial transactions on the platform.
- Explored Sequelize's association capabilities to establish and manage relationships between different data models, optimizing the representation of freelancers, employers, and job opportunities in the ecosystem.
- Utilized a diverse tech stack (NextJs, NodeJs, ExpressJs, MySQL, Sequelize,Tailwind) for comprehensive web application development.
- Implemented a WebSocket-based communication protocol in using the Socket.IO library, enabling persistent, low-latency connections for real-time updates.

Suvidha Foundation

Web Developer, Intern

October-2022 - January-2023

- Employed Framer Motion for dynamic animations and transitions, elevating the interface and significantly increasing user engagement.
- Engaged proficiently in Agile methodologies, contributing to daily stand-ups and sprint planning sessions. Played a pivotal role in maintaining an agile workflow for prompt deliveries and iterative enhancements.
- Engineered RESTful APIs to seamlessly facilitate data communication, enhancing overall functionality with support for dynamic content updates and interactions.
- Received a distinguished letter of recommendation, specifically acknowledging my outstanding creativity, professionalism, and effective communication skills throughout the project lifecycle.

PROJECTS

VidQuery

https://github.com/HarshiTsTomar/Have_a_chat

Developed VidQuery, a web app enabling natural language interaction with YouTube lecture. Leveraged Whisper and OpenAI APIs to extract information from video transcripts. Created a responsive front-end with React and Tailwind for optimal user experience. Engineered a robust back-end with MongoDB, Express, Pinecone, and Langchain for efficient data management and processing.

CodeKaroYaaro

<https://re-codekaroyaaro.netlify.app>

Crafted a contemporary educational platform website, Collaborated closely with the client to understand their vision and goals, tailoring the website to meet specific requirements and ensuring alignment with the brand identity and educational content. Implemented performance tracking tools and analytics to measure the success of the website in achieving increased click-through rates and user engagement, providing valuable insights for further enhancements.

SKILLS

Languages:	Javascript, TypeScript
Frameworks:	NextJS, Express, Tailwind, Bootstrap
Libraries:	React, Axios, Redux, Webpack, Sass, PostCSS, Jest
Tools/Technologies:	NodeJS, MySQL, MongoDB, Git, Docker, Jira, Postman, NPM

EDUCATION

Madhav Institute of Technology and Science

B.Tech Electronics and Telecommunication GPA: 8.1

M.P, Gwalior

2020 - 2024