

# Ravi Teja Natchireddi

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## TECHNICAL SKILLS:

**Languages:** Python, JavaScript.

**Web development:** HTML, CSS, React, Next.js, Node.js, FastAPI.

**Testing:** Jest, Mocha.

**Databases:** MySQL, MongoDB.

## PROFESSIONAL EXPERIENCE:

### Software Engineer, TNQ Technologies Pvt. Ltd

Apr 2023 – Present

- Spearheaded the creation of a state-of-the-art UI for a research project using Next.js and FastAPI, enhancing user experience and optimizing navigation.
- Collaborated seamlessly with cross-functional teams, including engineers, designers, and product managers, to ensure a customer-centered approach to software development.
- Implemented a refined language model (LLM) integrated with langchain, resulting in substantial gains in language processing capabilities.
- Utilized experimental approaches, leveraging research and data to make informed, data-driven decisions for successful deployments.
- Demonstrated proficiency in creating maintainable and scalable client-side features, ensuring optimal performance and user experience.
- Utilized React for the implementation of dynamic client-side features, enhancing the overall functionality of member-facing interfaces.
- Employed Webpack to streamline the build process, optimizing code bundling and resource management for efficient web experiences.

### Software Engineer, AuthorCafe

Oct 2021 – Mar 2023

- Worked on building software using Node.js which does automation testing on the AuthorCafé product. It decreased the testing time by nearly 50%.
- Worked with a team of 5 members on building UI and functional elements for AuthorCafé product using draft.js and React which boosted the revenue of the company by 40%.
- Collaborated with the design team to prepare mockups, layouts, and wireframes for their web-based portals. These initiatives contributed to the design phase of the software development lifecycle.
- Designed and implemented visually appealing and intuitive website user interfaces, contributing to increased user engagement and site traffic.
- Proficiently utilized CSS preprocessors, including Sass, to ensure a polished and aesthetically pleasing design.

### Design Engineer, T&M Services Consulting Pvt. Ltd

Jun 2019 – Oct 2020

- Developed and maintained responsive websites using HTML, CSS, and JavaScript for seamless user experience across devices.
- Designed and implemented user interfaces for web applications using React.
- Collaborated with cross-functional teams to translate designs into functional websites that meet specifications.
- Optimized CSS and JavaScript files to reduce page load times by up to 50% and improve website performance.
- Demonstrated commitment to accessibility and semantic HTML, reflecting a comprehensive understanding of inclusive web practices.
- Conducted frontend unit tests using platforms such as Jest and Mocha, ensuring the robustness and reliability of developed interfaces.
- Leveraged a proficient understanding of Git for effective code versioning and collaboration within the development team.