

NITHIN CHOWDARY RAVURI

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Experience

Tata Consultancy Services

Apr 2021 – May 2022

Full Stack Developer (System Engineer)

Hyderabad, India

- Pioneered the transformation of a legacy web application, significantly enhancing its performance and design by transitioning from Vanilla CSS and Angular to React and Tailwind CSS, capitalizing on my proficiency in these technologies.
- Exhibited high involvement and commitment by contributing significantly to the project, accounting for 24% of the total commits in a team of 5, showcasing my expertise in Git.
- Participated actively in Agile development practices, leading to a 60% improvement in customer satisfaction. This was achieved by incorporating customer feedback to drive design changes and feature enhancements, demonstrating my adeptness in Agile methodologies.
- Elevated user experience by using state management, caching, and strategically moving heavy components from the landing page to another suitable page, reflecting my skills in Redux and React.

Bootstrap Guru

Mar 2019 – Mar 2021

Full Stack Developer

Hyderabad, India

- Spearheaded the front-end development using Vue.js and Bootstrap to create a responsive and intuitive user interface, resulting in a 25% increase in user satisfaction.
- Focused on performance optimization, achieving a 40% reduction in page load times through efficient code and query optimization.
- Played a pivotal role in implementing key features such as real-time inventory tracking, sales analytics, and customer relationship management tools.
- Optimized landing page performance, achieving a 3x increase in speed compared to the initial MVP implementation.

Technical Skills

Programming Languages: HTML, CSS, JavaScript, TypeScript, Python, Java, Pine Script, C.

Frontend Development: Next.js, React, Vue.js, Svelte, Tailwind CSS, Bootstrap,

Backend Development: Node.js, Express.js, Node modules.

Database : MongoDB, Redis, SQL, PostgreSQL, MySQL.

Other Technologies: Git, Github, Docker, Stripe, Zustand, Redux, RESTful API, Axios, Vite, AWS, EC2, Netlify, CNN, OpenCV.

Education

The University of Texas at San Antonio

Aug 2022 – May 2024

Master of Science in Computer Science

GPA: 3.95/4.0

-Facilitated learning for over 100 students across 2 sections as a Graduate Teaching Assistant in Python lab sessions, emphasizing practical applications of Object-Oriented Programming (OOP) and web technologies.

Jawaharlal Nehru Technological University

Aug 2015 – May 2019

Bachelor of Technology in Electronics and Communication Engineering

GPA: 3.5/4.0

Projects

NCR Twitter | TypeScript, Next.js, React, Tailwind CSS, NextAuth.js, Zustand, Prisma, MongoDB

[Live Demo](#)

- Developed a comprehensive Twitter clone featuring user authentication, notifications, image uploads, responsive design, and dynamic user interactions including follows, likes, and comments.

NCROOM | TypeScript, Next.js, React, Tailwind CSS, shadcn/ui, Clerk, getstream.io

[Live Demo](#)

- Developed a comprehensive Zoom clone with user authentication, video meetings and recordings, scheduling, notifications, and a responsive layout.

Beast Morph | JavaScript, React, Tailwind CSS

[Live Demo](#)

- Developed “Beast Morph,” a dynamic web application using React and Tailwind CSS, that offers personalized workout routines curated by advanced algorithms based on user preferences and goals.

Facial Expression Recognition | Python, CNN, OpenCV

[Source Code](#)

- Developed a highly efficient CNN-based facial expression recognition model for the FER-2013 dataset, achieving near-competitive performance while being 10 times lighter than the top Kaggle model.