

# 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.
- Amplified application functionality and performance through the implementation of RESTful Web API endpoints for seamless database CRUD operations, highlighting my skills in Axios, Redux, Node.js, and express.js.

### 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

### Beast Morph | 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.

### NCROOM | Next.js, Tailwind CSS, Clerk, getstream.io

[Live Demo](#)

- Developed NCROOM, an enterprise-level Zoom clone, utilizing Clerk for authentication, getstream.io for video streaming, and built with Next.js, TailwindCSS, and TypeScript.

### Facial Expression Recognition | CNN, OpenCV

[Source Code](#)

- Developed CNN-based facial expression recognition model on FER-2013 dataset, integrated with real-time processing using OpenCV for efficient deployment.

## Achievements

**LeetCode:** Achieved mastery in problem-solving by solving 400+ LeetCode problems and earning multiple badges.

**Tata Consultancy Services (TCS):** On the Spot Award and Applause Award for excellence.

**Engineering Entrance Test (JEE Advanced):** Ranked among top 0.5% out of 1 million participants.