

# NITHIN CHOWDARY RAVURI

15651 Chase Hill Blvd Apt 2109, San Antonio, Texas 78256

📞 2109865735 ✉ [ravurnithinchowdary@gmail.com](mailto:ravurnithinchowdary@gmail.com) [in](#) [Linkedin](#) [G](#) [Github](#) [P](#) [Portfolio](#)

## Experience

### Tata Consultancy Services

Apr 2021 – May 2022

*Systems Engineer*

*Hyderabad, India*

- Orchestrated critical datasets for a cutting-edge Level-3 ADAS system for ZF, enhancing AI model training accuracy by 30% through pioneering 3D spatial annotations with LiDAR sensor data and test vehicle video footage.
- Collaborated as a Subject Matter Expert (SME) within a team of 20 engineers, leading the training of over 600 associates in specialized annotation techniques and tools.
- This initiative accelerated project timelines and improved data quality, showcasing leadership and a passion for knowledge sharing.

### Bootstrap Guru

Mar 2019 – Mar 2021

*Full Stack Developer*

*Hyderabad, India*

- Played a key role in the frontend development of LaraPos, a cloud-based Point of Sale (POS) solution designed for small to medium businesses.
- Designed the user interface cards for LaraPos, enhancing the platform's visual appeal and user experience. The design work contributed to a more engaging and intuitive user interface.
- Utilized VueJS and Bootstrap for designing and developing these components, ensuring a seamless and responsive user experience across different devices and platforms.

## Technical Skills

**Programming Languages:** JavaScript, Python, Java, Pinescript, C.

**Web Technologies:** HTML, CSS

**Web Frameworks:** React, Svelte, Vue.js, Node.js, Express.js, TailwindCSS, Bootstrap, Flask, Django.

**Databases:** MongoDB, PostgreSQL, MYSQL.

**Other Technologies:** Rest APIs, Docker, Hadoop, Spark, Vite, Git, Github, AWS, Netlify.

## 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, TailwindCSS

- Developed "Beast Morph," a dynamic web application using React and TailwindCSS, that offers personalized workout routines curated by advanced algorithms based on user preferences and goals.
- Prioritized a seamless user experience in "Beast Morph" by integrating intuitive UI/UX design and responsive web development practices, ensuring the application is user-friendly and accessible.

### Pokedex | React, TailwindCSS

- Engineered "Nithin's Pokedex," a Pokémon data application using React, TailwindCSS, and PokeAPI, with an integrated game for enhanced functionality.
- Implemented features like local storage caching and modal overlays for detailed Pokémon information, enriching user interaction and experience.

### Facial Expression Recognition | CNN, OpenCV

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

### NASA APOD | React, NASA API

- NASA APOD is a React application, that consumes the NASA API to display the astronomy picture of the day. It also caches the data to prevent API overloading and efficiency.

## 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.