

Experience

The University of Texas at San Antonio <i>Volunteer Research Assistant</i>	Jul 2024 – <i>San Antonio, US</i>
Tata Consultancy Services <i>System Engineer</i>	Apr 2021 – May 2022 <i>Hyderabad, India</i>
<ul style="list-style-type: none">Assisting Dr. Amin Sahba to improve the architecture and performance of deep learning models by incorporating principles of brain function into Artificial Intelligence systems.	
Bootstrap Guru <i>Full Stack Developer</i>	Mar 2019 – Mar 2021 <i>Hyderabad, India</i>
<ul style="list-style-type: none">Trained 600+ associates on ADAS data development tools, increasing project speed by 3x and achieving high client satisfaction.Revamped team structure by dividing associates into smaller groups and assigning supervisory roles, boosting efficiency and project management.Enhanced data quality and client communication through tool improvements and active participation in customer calls, strengthening project outcomes and client relations.	
Programming Languages: HTML, CSS, JavaScript, TypeScript, Java, Python. Frontend Development: Next.js, React, Tailwind CSS, Bootstrap. Backend Development: Node.js, Express.js, Node modules, Spring, Spring Boot. Database : MongoDB, Redis, SQL, PostgreSQL, MySQL. Other Technologies: Git, Github, Docker, Zustand, Redux, RESTful API, Gradle, Maven.	

Technical Skills

Programming Languages: HTML, CSS, JavaScript, TypeScript, Java, Python. Frontend Development: Next.js, React, Tailwind CSS, Bootstrap. Backend Development: Node.js, Express.js, Node modules, Spring, Spring Boot. Database : MongoDB, Redis, SQL, PostgreSQL, MySQL. Other Technologies: Git, Github, Docker, Zustand, Redux, RESTful API, Gradle, Maven.	
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Education

The University of Texas at San Antonio <i>Master of Science in Computer Science</i>	Aug 2022 – May 2024 <i>GPA: 3.95/4.0</i>
-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 <i>Bachelor of Technology in Electronics and Communication Engineering</i>	Aug 2015 – May 2019 <i>GPA: 3.5/4.0</i>
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Projects

NCR Twitter <i>TypeScript, Next.js, React, Tailwind CSS, NextAuth.js, Zustand, Prisma, MongoDB</i>	Live Demo
<ul style="list-style-type: none">Developed a comprehensive Twitter clone featuring user authentication, notifications, image uploads, responsive design, and dynamic user interactions including follows, likes, and comments.	
NCROOM <i>TypeScript, Next.js, React, Tailwind CSS, shadcn/ui, Clerk, getstream.io</i>	Live Demo
<ul style="list-style-type: none">Developed a comprehensive Zoom clone with user authentication, video meetings and recordings, scheduling, notifications, and a responsive layout.	
Beast Morph <i>JavaScript, React, Tailwind CSS</i>	Live Demo
<ul style="list-style-type: none">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 <i>Python, CNN, OpenCV</i>	Source Code
<ul style="list-style-type: none">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.	