

Tushar Wani

🐙 github.com/TusharW4ni  [linkedin.com/in/tushar-m-wani/](https://www.linkedin.com/in/tushar-m-wani/) ✉ tushar.wani@live.com 📞 469-235-9513 📍 Plano, TX 🛂 F-1 Visa

Passionate about crafting reliable software that makes the lives of my users easier and more enjoyable.

Looking for an **internship** to apply my skills in a professional setting.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, PostgreSQL, MySQL, SQLite

Frameworks: NuxtJS, React, Vue, TailwindCSS, ExpressJS, PrismaORM, Auth0

Developer Tools: Git, GitHub, Docker, VS Code, IntelliJ JetBrains, AWS S3, AWS Cloudfront

Relevant Coursework: Data Structures and Algorithms, Database Systems, Software Engineering, Machine Learning

PROJECTS

TWCGateway - On-boarding web application for The Warren Center (TWC)

- Created frontend using **ReactJS**, and **TailwindCSS** for styling
- Created backend using **ExpressJS**, and **Prisma** as the ORM for a **dockerized PostgreSQL** database
- Deployed on **AWS S3** and **AWS Cloudfront**
- Replaced 90% of cumbersome pen-based processes into the web interface
- Enhanced data accuracy by centralizing the data through digitizing the on-boarding process
- Collaborated with two different teams of 6 people over two semesters

Comet Marketplace - Pre-owned marketplace exclusively for UTD students and faculty

- Implemented photo uploads to the **ExpressJS** server instead of a S3 bucket to save costs on prototype
- Created real-time messaging functionality using **WebSockets** and **Socket.IO** library
- Improved over the UTD mobile app by creating search filters, bookmarks, and a better chat experience
- Enhanced resource accessibility for UTD students by creating a user-friendly platform to find/sell items
- Collaborated with a team of 8 people over a semester

AWARDS

Axxess Hackathon - 2nd

Feb 2024

- Developed a web app using **ReactJS** and **Django** to help COPD patients monitor their symptoms
- Used **k-means ML algorithm** on a COPD dataset from **Kaggle** to assign scores for severity of their symptoms

HackUTD - 3rd

Nov 2023

- Developed a website to buy stake in houses and other properties
- Used a **Vision-and-Language Transformer (ViLT)** model fine-tuned for property evaluation based on photos

LEADERSHIP EXPERIENCE

EPICS Mentor - Guiding teams creating software for non-profit organizations

Jun 2024 - Present

- Lead 5 teams in the Engineering Projects in Community Service (EPICS) program developing software for non-profits
- Used agile-like two week long sprints and **GitHub Projects** to keep track of progress
- Reviewed code diligently using **GitHub Pull Requests** to ensure codebase coherency and mitigate feature regression
- Conducted workshops on **Auth0** and **Prisma** talking about motivations for use, pro's/con's, and how-to's for both
- Fostered an open environment to make the teams comfortable to experiment during development
- Fostered accountability by encouraging team members to be proud of their work and celebrated accomplishments
- Delivered two of the five on-going projects over the three semesters

Short-Term Working Group - Create resources for Software Engineering course

Aug 2024 - Dec 2024

- Created a 14+ minute long video presentation giving a bird's-eye view of the components of web development
- Created thumbnails for all videos made by teammates using **Figma**
- Attended regular meetings and kept extensive meeting notes to keep the team on-track with the current TODOs
- Facilitated in making student on-boarding to web development concepts easier
- Compiled a playlist of 6 videos about the core concepts of web dev: <https://bit.ly/stwg-wevdev-playlist>
- Collaborated with a team of 7 people over a semester

EDUCATION

Bachelor of Science in Computer Science

Aug 2022 - May 2026

University of Texas at Dallas | GPA - 3.8