

# MANAN PATEL

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## Education

University of Tennessee, Knoxville

Aug. 2020 – May. 2024

Bachelor of Science in Computer Science(GPA of 3.86/4.0)

Knoxville, Tennessee

Dean's list all 5 semesters

## Work Experience

Knoxville Utilities Board

May. 2022 – Present

Student Software Developer

Knoxville, TN

- Built custom applications and integrations for customers and employees, contributing to full-stack development.
- Implemented Content Security Policies (CSP) for various applications, effectively mitigating cross-site scripting (XSS) attacks and safeguarding user data.
- Utilized agile scrum methodology and tools/frameworks such as Figma, Jira Software, EmberJS framework, Java, GitHub, and Jenkins to develop high-quality software products.

University Of Tennessee, Knoxville

Feb. 2022 – May. 2022

Teaching Assistant

Knoxville, TN

- Organized and led study groups and office hours, providing additional support and resources to struggling students, resulting in a 30% improvement in exam scores.
- Demonstrated strong expertise in C++ programming concepts, leading to positive feedback from both the professor and students.

VolHacks V (University Organization)

May. 2021 – Nov. 2021

Website Manager

Knoxville, TN

- Managed and maintained the organization's official website, utilizing HTML, CSS, JavaScript, and Git to enhance design and functionality and improve user engagement.
- Acted as the main point of contact for website-related inquiries from members, stakeholders, and the public, providing timely and accurate support while analyzing website traffic to track new feature success and identify areas for improvement.

## Projects

Suggestify | *Firebase, HTML, Tailwind CSS, JS*

Dec. 2022

- Utilized the TMDB API to fetch movie data and integrated Firebase for authentication and backend database management in a responsive web application.
- Designed a user-friendly interface with Figma and developed the website's front end using HTML, CSS, and JavaScript for a visually appealing and seamless user experience that drove a 25% increase in user traffic and positive feedback from users.

Advice Wizard | *ReactJS, CSS*

Aug. 2022

- Developed a fully responsive web application that allows users to generate random pieces of advice using the Advice Slip API.

GitGuru | *HTML, CSS, JS*

Dec. 2021

- Leveraged the GitHub API to retrieve and display key information about developer profiles, such as their name, location, number of followers, and repositories, resulting in a streamlined and user-friendly experience for developers accessing the platform.

## Technical Skills

**Languages:** C++, C, Python, Java, HTML, CSS, JavaScript, Typescript, SQL, Markdown

**Frameworks/Libraries:** ReactJS, EmberJS, Pandas, Matplotlib

**Tools/Platforms:** Git, GitHub, Postman, Jupyter Notebook, Jira Software, Unix