Manan Patel

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✉ **Email**: Mananpatel6902@gmail.com   **GitHub**: Manan-dev   in **Linked In**: Manan Patel

💼 **Portfolio Website**: https://manan-dev.github.io/

Education

University of Tennessee, Knoxville	**Aug. 2020 – May. 2024**
Bachelor of Science in Computer Science(GPA of 3.88/4.0)	*Knoxville, Tennessee*

Dean's list all 6 semesters

Technical Skills

Languages: C++, C, Python, HTML, CSS, JavaScript, Typescript, SQL

Frameworks/Libraries: ReactJS, EmberJS, Pandas, Matplotlib

Tools/Platforms: Git, GitHub, Postman, Jira Software, Firebase

Work Experience

University of Tennessee, Knoxville	**May. 2023 - Present**
Research Assistant Sup. Dr. Stella Sun	*Knoxville, TN*

- Assisted Ph.D. students in a traffic sign detection machine learning project, curating custom image datasets and delivering a presentation on adversarial machine learning to the professor and peers.

Jewelry Television	**May. 2023 – Aug. 2023**
Web Development Intern	*Knoxville, TN*

- Developed and integrated custom diamond filters, enhancing user experience, boosting engagement by 15%, and setting the stage for platform expansion.
- Led website redesign implementation based on provided designs, resulting in a remarkable 20% increase in sales.

Knoxville Utilities Board	**May. 2022 – May. 2023**
Student Software Developer	*Knoxville, TN*

- Crafted tailored apps and integrations for clients and staff, using agile Scrum and tools like Figma, Jira, EmberJS, Java, GitHub, and Jenkins for top-notch results.
- Implemented robust Content Security Policies (CSP) for 10+ applications, significantly reducing cross-site scripting (XSS) attacks and fortifying user data protection.

University of Tennessee, Knoxville	**Feb. 2022 – May. 2022**
Teaching Assistant Sup. Camille Crumpton	*Knoxville, TN*

- Showcased profound expertise in C++ programming concepts, garnering accolades from both the professor and students.
- Imparted knowledge to 200+ students through adeptly organized study groups and informative office hours, delivering vital support to those in need.

VolHacks V (University Organization)	**May. 2021 – Nov. 2021**
Website Manager	*Knoxville, TN*

- Orchestrated the management and upkeep of the organization's official website, leveraging HTML, CSS, JavaScript, and Git to amplify design and functionality.
- Handled website inquiries, provided fast support and analyzed traffic data for feature effectiveness. Led a successful hackathon with 300+ participants.

Project

Suggestify	*Firebase, HTML, Tailwind CSS, JavaScript*	**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, Tailwind CSS, and JavaScript for a visually appealing and seamless user experience.