

# Arpan Patel

## Full Stack Software Developer

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### TECHNICAL SKILLS

**Proficient:** Javascript, React, Redux, Git, Express, Node, PSQl, Full-Stack, Backend, Frontend, HTML5, CSS, Python, Firebase, Render, Vercel

**Knowledgeable:** Three.js, CAD, Vite, Machine Learning, MongoDB, Mocha, Chai

### TECHNICAL PROJECTS

**Developer | TradeM** | [Github Repo](#) | August/2023

- Collaboratively spearheaded the development of a community-driven trade platform, empowering users to seamlessly exchange, repurpose, renew, and sell items—promoting sustainability and fostering innovation.
- Devised and implemented an interactive map UI and meticulously crafted backend routes, optimizing local product location, elevating UI experience, and ensuring ironclad user data security, resulting in a 10% reduction in application runtime.
- Leveraged the combined potential of React, Bootstrap, JavaScript, Firebase, Render, and Leaflet API to develop a feature-rich and responsive application.

**Developer & Designer | 3D portfolio** | [Github Repo](#) | July/2023

- Developed a modern Portfolio platform utilizing Three.js, JavaScript, React, and Vite, showcasing my technical journey and fostering interactive user experiences.
- Designed and implemented an engaging user interface, enabling seamless user interactions with the 3D portfolio, resulting in a 15-20% increase in user engagement.
- Attained fundamental knowledge of Three.js and certain React concepts within one week, delivering an interactive platform for seamless user communication and email-based collaboration.

**Developer | SWEbay** | [Github Repo](#) | July/2023

- Collaborated with a dynamic team to create an ecommerce website developed using the PERN stack, ensuring seamless integration of front-end and back-end functionalities.
- Leveraged the Faker library to generate realistic test data, enabling thorough testing and validation of various features within the application, ensuring robustness and reliability.
- Enhanced user experience and security with Stripe integration for seamless, safe checkout, boosting customer satisfaction and trust.

### EXPERIENCE

**Crew Member | Dunkin Donuts** | Joliet, IL

Feb/2018 - July/2022

- Directed and mentored a team of 7-18 employees, ensuring the precise and timely fulfillment of all orders while upholding impeccable quality standards.
- Devised and implemented an efficient workflow system, resulting in an impressive 30% reduction in work disruptions and a remarkable 15% upswing in positive customer reviews.
- Achieved an exceptional 40% increase in customer retention by closely monitoring progress and upholding unwaveringly consistent service excellence.

### EDUCATION

**Fullstack Academy Web Development Bootcamp**

Apr/2023 - Sept/2023

Software Engineering Certificate

Full-time, Full Stack Javascript Web Development Immersive

**Arizona State University**

May/2022 - Feb/2023

Coursework in Software Engineering

**Joliet Junior College**

April/2019 - May 2022

Associate of Science & Arts

Concentration: Computer Science & Psychology

### Leadership

Vice President of Public Relations (Phi Theta Kappa)

Dec/2020 - Apr/2021

Vice President of Reach (Phi Theta Kappa)

Nov/2020 - May/2021