

# VIVEK PATEL

Software Developer, Kitchener, ON

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## EDUCATION

Post Graduate Diploma Web developer  
Conestoga College, Kitchener, ON

Sept 2022 - Dec 2023  
(3.87/4 CGPA)

Bachelor of Computer Engineering Degree  
Gujarat Technological University (GTU), Gujarat, India

Aug 2017 - May 2021  
(9.55/10 CGPA)

## WORK EXPERIENCE

Software Developer | Panasonic Avionics Corporation | Remote, USA

April 2024 - Present

- Built a scalable and maintainable admin interface by leveraging reusable React components to promote code reuse and maintainability.
- Achieved a 15% increase in team efficiency by collaborating closely with designers and backend developers to create a cohesive user experience and seamless UI integration.
- Enhanced the admin UI's responsiveness and performance by diagnosing and addressing bottlenecks through code optimization and caching strategies.
- Tested React applications end-to-end using Playwright, Vitest, and MSW (with mocking) to ensure robust and reliable software quality.

Junior Software Developer | Intellial Solutions Pvt Ltd | Ahmedabad, IN

June 2021 - Aug 2022

- Developed and maintained responsive web applications using React.js and Django, ensuring high-performance and user-friendly interfaces.
- Migrated 20 GB of data to Microsoft Azure's cloud storage, reducing server costs by 30% and enhancing scalability.
- Optimized RESTful API services, boosting web application performance by 20% and accelerating response times for a smoother user experience.

Frontend Developer Intern | The Option Box | Vadodara, IN

Dec 2020 - May 2021

- Boosted page load speed by 10% through strategic optimization of data fetching strategies using Axios, resulting in an improved user experience.
- Enhanced code maintainability by developing reusable React components and streamlining development workflow.
- Utilized UI design skills to design and create an informative and user-friendly dashboard interface.

## ACADEMIC PROJECTS

Acme Auth (<https://github.com/patelvivekdev/acme-auth>)

Jan 2024 - March 2024

*Tech Stack: Nextjs, Typescript, React, Tailwind CSS, PostgreSQL.*

- Demonstrated proficiency in modern web development practices by ensuring a responsive design and efficient routing, showcasing the capabilities of Next.js server actions and Tailwind CSS.
- Implemented robust security measures, including email-based password reset and forget features, fortifying user account protection and bolstering trust in the platform.

Market Hub (<https://github.com/patelvivekdev/Market-Hub>)

Sept 2023 - Dec 2023

*Tech Stack: React, Rest API, Nodejs, MongoDB, Express, Paypal.*

- Led a 5-member team to design and develop a user-friendly web application that seamlessly connects vendors with clients, streamlining interactions and enhancing collaboration. Utilized MongoDB for flexible product and vendor data management.
- Collaborated in developing a multi-vendor marketplace, creating a unified platform that empowered over 10 vendors to showcase a diverse range of 100+ products, expanding market reach and fostering customer engagement.

## **CERTIFICATIONS**

- Front-End Web Development with React - Coursera
- React (Basic) Certificate - hackerrank
- Server-side Development with NodeJS, Express and MongoDB - Coursera

## **SKILLS & TECHNOLOGIES**

**Programming Languages:** Python, C#, SQL, TypeScript, JavaScript, Go

**Frontend Frameworks & Libraries:** React, Redux, Angular, Next.js, Tailwind CSS, jQuery

**Backend & Full Stack:** Node.js, Django, ASP.NET, GraphQL, REST API, Express

**Testing & Quality:** Jest, Playwright, Vitest, MSW

**Cloud & DevOps:** Docker, Kubernetes, AWS, Azure, GCP, Git, GitHub Actions, CI/CD

**Database & ORM:** PostgreSQL, MySQL, MongoDB, NoSQL, Elasticsearch, Prisma, Drizzle

**Tools & Practices:** OOP, Linux, Postman, Shell Scripting, VS Code, Jira, Selenium, Responsive Design, UI/UX, Single Page Application (SPA)