

HET PATEL

Boston, MA | patel.hetas@northeastern.edu | 857-544-9003 | [linkedin/het1074](https://www.linkedin.com/in/het1074) | [github/patelhet04](https://github.com/patelhet04) | hetpatel.dev

EXPERIENCE

Frontend Software Engineer

Silver Webbuzz Private Limited

Sept 2021 – May 2023

Gujarat, India

- Developed and managed **SDLC** for a **React.js & TypeScript** e-commerce platform, utilizing **AWS S3**, **CloudFront**, and **Route 53** for optimized hosting and global content delivery, enhancing **customer satisfaction**
- Implemented **Docker** and **Jenkins CI/CD** for **React.js** app for consistent **code quality** and 80% faster deployment
- Devised **Selenium** and Mocha cross-browser automated tests for **React.js** app, accelerating **debugging** process by 30%
- Designed backend of an automotive marketplace site using **Node.js** and **Express.js**, leveraging **Redis** for caching frequently accessed vehicle data, resulting in a **45% reduction** search response time
- Automated PDF data extraction for a healthcare site using Python and **GPT-4 LLM**, reducing manual data entry by 70%

Software Development Intern

ShineStar Web Solutions

Dec 2019 – Apr 2020

Gujarat, India

- Built a **real-time** chat application using **Node.js**, **MongoDB**, and **Socket.io**, supporting over 1000 concurrent users
- Spearheaded **end-to-end testing** of a React.js app using **Jest** and **TDD principles**, increasing code coverage by 75%
- Authored **technical documentation** for React.js & Node.js codebases using **Docusaurus** for better developer support

SKILLS

Programming Languages: HTML, CSS, JavaScript, TypeScript, Java, Python, SQL
Web Development: React.js, Next.js, Node.js, REST APIs, TailwindCSS, Selenium, Jest
Databases and Tools: MySQL, MongoDB, Redis, AWS, Git, Docker
Methodologies: Software Development Lifecycle, Test Driven Development, SCRUM / Agile

EDUCATION

Master of Science - Information Systems | Northeastern University (GPA - 3.61)

Sept 2023 - May 2025

Relevant Coursework: *Web Design & User Experience, Operating Systems(OS)*

Boston, MA

Bachelor of Science - Computer Science | Gujarat Technological University (GPA - 3.76)

Aug 2016 - Jun 2020

Relevant Coursework: *Object Oriented Programming(OOPs), Data Structures & Algorithms*

Gujarat, India

PROJECTS

Todo Application ([Link](#)) | Go, React.js, MongoDB, Tanstack, ChakraUI

Apr 2024 – June 2024

- Built a full-stack todo app using **React.js** and **Go**, utilizing Fiber and Air for server concurrency and hot reloading
- Executed **CRUD** functionalities using **Tanstack Query** and MongoDB for asynchronous state and scalable data storage
- Utilized **ChakraUI** to create **responsive** and accessible UI components, ensuring **consistent design** across devices

Climate Care ([Link](#)) | React.js, Typescript, Node.js, MongoDB, Redux, Material UI

Mar 2024 – Apr 2024

- Engineered a climate awareness app using **React.js & Node.js**, following **Agile methodologies** for rapid development
- Applied **JWT** for secure, **role-based authentication**, improving user-access control and ensuring application **security**
- Deployed **Node.js** using **AWS Lambda** and React.js on **AWS S3** with CloudFront for content delivery
- Integrated **AWS CodePipeline**, **CodeBuild**, and **CodeDeploy** for **CI/CD**, reducing website deployment time by 70%

Personal Portfolio ([Link](#)) | Next.js, Typescript, Github Actions, TailwindCSS, GSAP

Feb 2024 – Mar 2024

- Created a personal portfolio using **Next.js**, reduced load time by 40% through use of **Suspense** and **lazy loading**
- Incorporated CI/CD pipeline via **GitHub Actions**, cutting **deployment time by 60%** and ensuring seamless releases

ACHIEVEMENTS

- Selected for a **50-day** international exchange **apprenticeship** at **Laurentian University, Canada**, focused on learning advanced techniques in **Web Applications** and **Web Data Management**
- Crafted an accessible video call app in a **48-hour hackathon**, leading a 5-person team using **React.js** and **WebRTC**; integrated screen reader and speech recognition features for users with disabilities