

SMIT PATEL

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EDUCATION

Northeastern University

Master of Science in Software Engineering

Expected May 2025

Boston, MA

Gujarat Technological University

Bachelor of Science in Information and Communication Technology

June 2023

Ahmedabad, India

TECHNICAL SKILLS & LANGUAGES

Programming Languages: JavaScript, TypeScript, Python, Java, C++, C, C#

Web Technologies & Frameworks: HTML5, CSS, Sass, jQuery, React, Next.js, Redux, Spring Boot, ASP.NET, Node.js

Database: MongoDB, Firebase, SQL, PostgreSQL

DevOps: Docker, Amazon Web Services (AWS), Git, GitHub, CI/CD

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Design, Web Design, Cloud Computing

WORK EXPERIENCE

Open-Source Developer

Cal.com

Oct 2023 – Jan 2024

San Francisco, CA

- Designed an event scheduling platform, by working on meeting scheduling using **TypeScript**, **GraphQL**, and **Python**
- Enhanced platform functionality by identifying and fixing bugs, improving user experience and performance by 14%
- Engaged in collaborative development within the open-source community, maintaining and developing the codebase

Software Engineering Intern

Grownited Private Limited

Jan. 2023 – Apr 2023

Ahmedabad, India

- Spearheaded the development of hospital appointment app using **React.js**, increasing appointment throughput by 40%.
- Developed unit tests with Jest for Code stability, achieving 95% code coverage and reducing production regressions
- Engineered a 'Request to Join' feature using **Socket.IO** for doctor applications with real-time notifications

Web Developer Intern

Provitious Technologies

Oct 2021 – Mar 2022

Ahmedabad, India

- Deployed Task Management App using **MongoDB**, **React** and **Node.js**, with dynamic user/admin interfaces
- Integrated age and identity verification with **React Native** and **JavaScript** reducing the average registration by 50%
- Optimized story highlights feature using JavaScript increasing user impressions of product instructions by 12%
- Automated deployment using **Jenkins** and **Docker**, reducing deployment time by 30% and enhancing **CI/CD** practices

PROJECTS

Refugee Assistant Application

Mar 2024 – June 2024

- Created web and mobile versions of the Refugee Assistant Application using **Node.js**, **React.js**, **React Native**
- Ensured seamless user experience with shared data storage across platforms using a **MongoDB** database
- Utilized **AWS** services **S3** to enhance security and maintenance, and deployed backend services for faster access

E-commerce Proof of Concept

Jan 2024 – Mar 2024

- Developed search functionality using **React**, **JavaScript**, and **GraphQL**, boosting data retrieval speed by 19%
- Created a proof-of-concept app in **Next.js** to demonstrate the benefits of migrating to a new frontend framework.
- Presented the Next.js e-commerce app to technical leaders, validating its feasibility for migration.

Modern Library Management Application

Oct 2023 – Dec 2023

- Developed a Library Management Application with a **React** frontend and used **JWT** Authentication for security.
- Powered by **Spring Boot** with **MySQL**, utilizing RESTful APIs and advanced data structures for sorting books.
- Applied object-oriented principles in **Java** for a modular, maintainable, and scalable backend codebase.

Query Hub

July 2023 – Oct 2023

- Built an **ASP.NET MVC** application with **C#**, achieving 95% secure user authentication and community interaction
- Implemented **SQL Server** for search, voting, and view tracking, increasing content discoverability by 30%.
- Designed a responsive interface using Bootstrap, enhancing user experience and platform accessibility by 25%.

Healthcare Data Management

Jan 2023 – Apr 2023

- Led development of a healthcare data system, increasing scalability by 35% through **ETL** integration and **Power BI**.
- Implemented **SQL triggers**, optimizing views to enhance data analysis efficiency by 20%.