

HARSH VAGHANI

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Education

Binghamton University, Watson College of Engineering and Applied Science Expected May 2025

Master of Science in Computer Science

Mumbai University, India

October 2020

Bachelor of Engineering in Electronics and Telecommunications GPA - 3.0/4.0

Technical Skills

Languages: Java, HTML, CSS, Javascript, Typescript, SQL

Technologies: NodeJS, ReactJS, ExpressJS, NextJS, Git, Github, Postman

Databases: MySQL, MongoDB

Miscellaneous: Agile, Project Management, Team Management, Data Structures, Algorithms

Professional Experience

Etech Global Services

Gandhinagar, India

Senior Analyst

January 2021 – July 2023

- Designed and developed compelling product demos for **B2B clients**, showcasing the capabilities and value proposition of our partner's SaaS product **Medallia Experience Cloud**, resulting in increased customer engagement, higher conversion rates and closing deals worth approximately **\$1M**.
- Utilized **HTML**, **CSS** and **Javascript** to create visually appealing and user-friendly custom form designs, optimizing the user experience and improving data collection efficiency.
- Collaborated closely with **Solutions Consultants** and **Solutions Directors** to work on **Proof-of-Concept (POC) projects**, demonstrating the feasibility and potential value of the software solution to prospective clients, resulting in increased acquisition rate by **5%**.

Learnovate

Remote

Web Development Intern

December 2020 – January 2021

- Collaborated with the design team to understand and implement their vision, effectively translating static design files into dynamic and responsive web pages using modern front-end technologies.
- Demonstrated proficiency in **Front End** development by effectively utilizing **HTML**, **CSS**, **JavaScript** and **ReactJS** to create pixel-perfect user interfaces that closely matched the original design mockups.

Notable Projects

Multi User Chat Application : Independent Project ([Github](#))

April 2023 – June 2023

- Developed a multi-user chat application using the MERN stack (**MongoDB**, **Express.js**, **React**, and **Node.js**), incorporating real-time communication through **Socket.io** for instant messaging and seamless user experience.
- Implemented user login/logout functionality and user authentication using **JWT (JSON Web Tokens)**, ensuring secure access and protecting sensitive user data.
- Utilized **Redux** for state management, implementing the thunk middleware to handle asynchronous tasks efficiently and maintain a consistent application state.

Notezipper - A Safe Place For All Your Notes : Independent Project ([Github](#))

Jan 2023 – Feb 2023

- Developed a feature-rich Notes Taking Application using the **MERN stack** and leveraged **React Bootstrap** for efficient UI development.
- Implemented a robust authentication system that allowed users to securely register, login, and logout, ensuring data privacy and user account security.
- Utilized the full range of CRUD (Create, Read, Update, Delete) operations to enable users to create, view, edit, and delete their notes, providing a comprehensive and intuitive note-taking experience.

Certifications

Oracle Certified Associate Java SE8 Programmer ([View](#))

Oracle

React JS. ([View](#))

GeeksForGeeks

Object-oriented Design using Java ([View](#))

GeeksForGeeks