

# VAISHNAVI NARENDRA BHOITE

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## EDUCATION

### Northeastern University

Master of Science in Information Systems

Boston, MA

Expected: May 2024

**Relevant Coursework :** Web Design & Development, Object Oriented Programming, Application Engineering ,Design, Data Science, Program Structures & Algorithms , Data Management & Database Design and User Experience Design/Testing

### Vishwakarma Institute of Technology

Bachelor of Technology in Electronics and Telecommunications

Pune, MH, India

Aug 2018-June 2022

**Relevant Coursework :** Data Structures and Algorithms, Operating Systems, VLSI

## TECHNICAL SKILLS

- Programming : Python, Java, C++, C
- Web Technologies : HTML, CSS, SCSS, JavaScript, jQuery, JSP, Bootstrap, ReactJS, AngularJS, Figma, NodeJS, ExpressJS, Microservices, REST API ,Wireframing, Prototyping.
- Technical: Postman, Git, Cloud-Azure, SaaS, SDLC, Jira, Agile, MySQL, MongoDB.
- Software Tools: Visual Studio, NetBeans, Eclipse, Jupyter, SQL Developer, Google colab, PyCharm.

## PROFESSIONAL EXPERIENCE

### FRONTEND DEVELOPER (INTERN)

March 2022 - July 2022

#### Instapreps

Mumbai, India

- Spearheaded the collaborative effort of cross-functional teams to design, develop, and successfully launch three React-based web applications; resulting in a 40% increase in user engagement and a 25% decrease in bounce rate.
- Improved application performance by optimizing frontend code resulting in a 30% reduction in loading time.
- Collaborated with product managers and subject matter experts to create responsive user design and experience.
- Facilitated the product vision by collaborating with stakeholders and using design tools such as Figma creating 50+ wireframes and prototypes to create high-fidelity digital product experiences that met user needs.

### JUNIOR BUSINESS DEVELOPMENT MANAGER

May 2021 - October 2021

#### Rushas Engineering Co. Pvt.Ltd

Ahmednagar, India

- Managed databases for multiple clients, using Salesforce CRM to organize customer data resulting in increase in data accuracy.
- Conducted market analysis to identify customer needs and growth opportunities, leveraging Salesforce data to inform strategies that led to 13% increase in sales.
- Effectively managed customer details and sales activity, generating 30+ reports to gain insights into customer behavior.

## ACADEMIC PROJECTS

### CAR POOLING WEB APPLICATION [GITHUB](#)

January 2023 - April 2023

- Designed and developed a carpooling app using React, Node.js and MongoDB promoting sustainable mobility and reducing traffic congestion by 14%. Implemented payment gateway for seamless transactions.
- Developed and deployed a highly efficient full stack web application utilizing a REST API service built on Nodejs and MongoDB, empowering users to seamlessly manage carpooling requests and offers. Increased user satisfaction and engagement by 40%
- Led rigorous testing initiatives for the application, encompassing unit and end-to-end testing, to ensure seamless functionality and adherence to non-functional requirements; achieved a 30% reduction in bugs and enhanced user experience by 20%.

### HOTEL MANAGEMENT SYSTEM [GITHUB](#)

September 2022 - December 2022

- Created a desktop application using Java, Java Swing, and Db4o database to enable hotels to efficiently control front-office capabilities, such as booking reservations, managing business events, maintaining decor, and managing the health club facilities, among other services.
- Configured and implemented automated email notifications for registered users, facilitating proactive communication on reservation status and requested services, resulting in a 40% decrease in customer inquiries and improved user satisfaction.
- Programmed a detailed report of all the services operated by each customer, reducing the need for manual effort by 15%.

### DAYCARE MODEL APPLICATION [GITHUB](#)

September 2022 - December 2022

- Implemented a comprehensive DayCare Model application in a team of 4, for enrolling and tracking immunization for students using both CSV files and database entry
- Increased student – teacher engagement by 30 percent by managing classroom using GUI and design patterns, and built alerts for overdue dates of student immunizations.
- Streamlined data management with Spring Boot and conducted statistical analysis achieving a notable 25% in daycare efficiency.