

# VIJAY BHARVAD

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## EDUCATION

Illinois Institute of Technology, Chicago, IL	May 2025
M.S. Computer Science	GPA 3.5/4.0
Charotar University of Science and Technology, Gujrat, India	May 2023
B.Tech Information Technology	GPA 3.5/4.0

## SKILLS

- Programming Skills: Python | C | C++ | JavaScript | TypeScript | Java | HTML | CSS | Express.js | PHP | C#
- Frameworks / Libraries: React.js | Next.js | Laravel | .Net | NumPy | Pandas | Power BI
- Database Systems: MYSQL | MYSQL Workbench | MongoDB | Elasticsearch
- Automation: Docker | Azure | AWS
- Version Control: Git | GitLab | GitHub
- Embedded: Linux | Raspberry Pi | Conda Environment

## WORK EXPERIENCE

**Software Engineer Intern:** New England Investment Consulting Group, Boston, USA May 2024 - Present

- Developed and deployed over 05 web applications in collaboration with team members, utilizing appropriate programming languages and frameworks.
- Ensured functionality through thorough testing, organized technical documentation, and provided ongoing product maintenance, resulting in a 20% reduction in bugs and a 15% increase in user satisfaction.

**Full-Stack Developer Intern:** Barodaweb, Vadodara, India. January 2023 - April 2023

- Formulated expertise in .Net Framework, contributing to creation of a web application for a restaurant.
- Transformed restaurant operations with an advanced management system, addressing real-time table turnover, dynamic menu pricing, and automated orders. Additionally, played a role in front-end development for various e-commerce websites.

**Web Developer Intern:** Finlark Technologies, Ahmedabad, India April 2022 - July 2022

- Expertly utilized the Laravel Framework to design and develop a web application, playing a key role in the creation and maintenance of a Netflix-style online video streaming platform.
- Managed the optimization of user interfaces, video content, and playback technologies, ensuring a seamless and reliable experience.

## PROJECTS

**Quick-Serve (Food Delivery app).** January 2024- May 2024

- Developed the Quick-Serve Food Delivery app, integrating features for customers to register, browse menus, place orders, track deliveries, and provide feedback while enabling restaurants to manage menus, process orders, and update statuses.
- The app also provides tools for delivery personnel to handle tasks and update statuses, with system administrators overseeing operations and customer support resolving issues and collecting feedback.

[ Languages-HTML, CSS, JAVASCRIPT, REACT@MUI, NODEJS. Database: Elasticsearch, Mongo DB]

**School Blogging Platform** January 2024- May 2024

- Built an advanced blogging platform designed for academic communities, incorporating dynamic navigation and role-based access to enhance engagement among students, faculty, and staff, with features for creating, responding to, and moderating posts, along with administrative account management.
- Leveraged APIs such as OpenAI, SerpApi, and OpenWeatherMap for a smart chatbot, automated post responses, and live weather insights, while employing Elasticsearch and MongoDB for efficient content handling and secure access, and offering a subscription feature for personalized content alerts.

[ Languages-HTML, CSS, JAVASCRIPT, REACT@MUI, NODEJS. Database: Elasticsearch, Mongo DB]

**Smart Homes** August 2023- December 2023

- Steered development of a Smart Homes E-commerce Website, incorporating a diverse product range and a robust review system.
- Crafted a User Role Management system and Analytics Dashboard to empower retailers, enabling data-driven decisions and enhancing overall efficiency and user experience for customers, salespeople, and retailers.

[Languages- HTML, JAVA, CSS, JAVASCRIPT, Database: MySQL Workbench, Mongo DB]

**Home hub (Craftsman)** August 2023- December 2023

- Created Home Hub website for tool purchase, home maintenance scheduling, and reviews, featuring a location-based service finder.
- Established a three-tier user system (customer, employee, retailer) with retailer privileges, including customer and employee management, and a comprehensive inventory reporting system for streamlined operations.

[ Languages-HTML, CSS, JAVASCRIPT, JAVA, REACT, NODEJS. Database: MySQL Workbench, Mongo DB]