BHAUTIK P PATEL

437-734-3107   patel2la@uwindsor.ca   linkedin.com/in/patelbhautik   Windsor, ON

Profile

Master's student in Applied Computing with hands-on experience in software development and project leadership. Proficient in Java, Python, JavaScript, React, and Node.js. Skilled in algorithms, optimizing applications and solving complex problems. Available for a 4-8 month internship starting May 2025, ready to drive innovation and deliver impactful solutions.

Technical Skills

- **Programming Languages**: Java, C, Python, JavaScript.
- **Front-End Development**: React.js, HTML, CSS, Bootstrap, Tailwind CSS, jQuery, MVC Principles.
- **Back-End Development**: Node.js, Express.js, JSP, Django, PHP.
- **Database Technologies**: MySQL, MongoDB, Oracle.
- **Tools & Technologies**: Git, GitHub, Selenium, JIRA, Postman, PowerBI, Socket.IO.
- **Methodologies**: Agile, Scrum, Waterfall.
- **Operating System**: Windows, Linux.

Education

Master of Applied Computing   May 2024 - Present
University of Windsor • Windsor, ON
- Available for a **4-8 month internship** starting **May 2025**.
- Current CGPA: 81.5 (out of 100.0).
- **Major Courses**: Advanced Software Engineering Topics, Advanced Computing Concepts, Advanced Database Topics, Advanced Systems Programming, Managing Employees.

Bachelor of Engineering In Computer Engineering   Jul 2019 - Jun 2023
HGCE - Gujarat Technological University • Ahmedabad, Gujarat
- CGPA: 8.85 (out of 10.00).
- **Major Courses**: Data Structures and Algorithms, Database Management Systems, Software Engineering, Computer Networks, Web Development.

Experience

Software Developer Intern   Jan 2023 - Jun 2023
Stallion Infotech PVT. • Ahmedabad, Gujarat
Technology: React-js, MongoDB, HTML, CSS, JavaScript.
- Collaborated with team members to create and design multiple websites, receiving appreciation from clients and colleagues.
- Developed ChatComm, a chat application, as an additional project at Stallion Infotech to gain experience in React, Node.js, MongoDB, and Socket.IO technologies.
- Worked with other developers to develop the back-end of ChatComm using Node.js and MongoDB, ensuring efficient data handling and real-time communication.
- Utilized Git for version control, managing code repositories and coordinating with the team to ensure smooth collaboration and integration of code changes.
- Communicated effectively with team members and stakeholders to gather requirements, provide updates, and ensure alignment on project goals.
- Performed code reviews to ensure compliance to coding standards and best practices within the team, enhancing code quality and consistency.
- Explored Continuous Integration/Continuous Deployment (CI/CD) practices, gaining basic exposure to automated testing and deployment pipelines.

Academic Projects

Food Price Analysis Project   Jul 2024
University of Windsor • Windsor, ON
Technology: Java, Selenium, React js, MySQL, Cuckoo Hash Table, AVL Tree, Edit Distance Algorithm, Boyer-Moore String Matching Algorithm.
- Engineered a robust Food Price Analysis system to aggregate and compare food deals from four different grocery stores, utilizing Java, Selenium, and React.js.
- Developed and deployed a dynamic web crawler using Selenium, automating the extraction of key product data across multiple grocery websites, which enhanced decision-making for users.
- Designed a responsive front-end interface with React.js, applying MVC principles to ensure seamless user interaction and intuitive navigation.
- Implemented advanced data structures, including Cuckoo Hash Table and AVL Tree, to optimize spell checking and search frequency, improving the system's overall efficiency.
- Integrated algorithms such as Edit Distance and Boyer-Moore String Matching to boost spell-check accuracy and enhance the user experience through better page ranking.

College Connect Chat App (PHP)   Jul 2022
HGCE - Gujarat Technological University • Ahmedabad, Gujarat
Technology: PHP, HTML, CSS, MySQL.
chat-applicationstudent.infinityfreeapp.com
- Created a chat application for college and university environments to enhance communication among students, teachers, and administrative staff.
- Added a notice board feature for staff members to post important announcements.
- Utilized PHP, HTML, CSS for front-end and back-end development, and implemented SQL for database queries to manage user data and chat history.
- Demonstrated the potential for improving communication in educational institutions, though the project remains conceptual.

Car Rental System (JSP)   Mar 2022
HGCE - Gujarat Technological University • Ahmedabad, Gujarat
Technology: Advance Java(JSP), MySQL, HTML, CSS.
- Designed a user-friendly Car Rental Management System enabling easy operation for both car rental and new car purchase businesses.
- Provided a user-friendly interface using JSP, MySQL, HTML, and CSS, ensuring seamless navigation and interaction.
- Innovated features enabling users to rent out vehicles and list them for rent, alongside options for buying and selling second-hand cars.
- Built efficient logic for application, managing database and ensuring data integrity, while also enhancing front end design for a visually appealing user experience.

Certifications/training

Selenium Essential Training • Linkedin   May 2024

Java Programming: Solving Problems with Software • Duke University , Coursera   Jun 2021