

Het Patel

Ontario, Canada

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PROFILE SUMMARY

- Industry experience in developing and maintaining large-scale web and mobile applications
- Proficient in analyzing, developing, testing, and implementing new software programs throughout the entire software development lifecycle
- Skilled in participating in code reviews, troubleshooting software issues, and escalating roadblocks as needed
- Experienced in Agile (Scrum) methodology, thriving in collaborative cross-functional team environments

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, TypeScript, Java, C, C++
- **App Development:** React, React Native, HTML, CSS, NodeJS, Django, REST APIs
- **Databases:** SQL, Microsoft SQL Server, PostgreSQL, MySQL, NoSQL (MongoDB)
- **Platforms and Tools:** Microsoft Azure, AWS, Docker, Kubernetes
- **Version Control & Management:** Git, GitHub, Agile (Scrum), SDLC

EDUCATION

Master of Applied Computing

May 2023 - Jul 2024

School of Computer Science, University of Windsor, Ontario, Canada

- Graduating in July 2024; Available for full-time opportunities starting August 2024

Bachelor of Technology in Computer Engineering

Jun 2018 - Jul 2022

School of Computer Science, Indus University, Gujarat, India

PROFESSIONAL EXPERIENCE

Junior Software Developer (Remote)

May 2022 - Jan 2024

BexCode Services, Windsor, Ontario

Technologies: React, React Native, NodeJS, JavaScript, TypeScript, MongoDB, Git, GitHub

- Developed several user-friendly UI features using JavaScript framework React Native, facilitating seamless creation and management of user profiles
- Troubleshot over 15 major errors/bugs weekly on a live application by examining modules and the flow of code
- Optimized existing codebase using React Hooks, leading to a remarkable 20% improvement in application performance
- Conducted code reviews through GitHub pull requests to avoid merge conflicts and improve code quality
- Worked in a cross-functional team of 5 following Agile (Scrum) model, and collaborated with design team to deliver UI updates

CLIENT PROJECTS

[ML K.I.D.A](#)

Jan 2024 - Apr 2024

Growliv Biologicals, Windsor, Ontario

Technologies: Python, Django, HTML, CSS, JavaScript, TensorFlow, Deep Learning, OpenCV

- Developed an advanced tool using Deep Learning to detect, track, and count predatory and feeder mites in 30-60-second video samples provided by client
- Successfully translated ambiguous client requirements into clear, actionable technical specifications
- Proactively suggested and refined project features, ensuring alignment with client needs and objectives
- Integrated the detection model into a web application with an intuitive and user-friendly interface following best UI/UX principles, tailored for ease of use by workers at client firms

PROJECTS

[NearYou](#)

Jan 2024 - Apr 2024

University of Windsor, Windsor, Ontario

Technologies: Django, Python, JavaScript, SQL, HTML, CSS, REST APIs

- Devised a web platform using Python web framework Django; connecting local vendors with the community
- Implemented a dynamic search bar using HTTP request and Django ORM, allowing users to search for shops and products by name, enhancing search accuracy and speed
- Created a robust database schema in SQL to manage complex relationships between vendors, products, and customers, increasing data retrieval speed by 35%
- Implemented REST APIs for seamless frontend-backend communication, enabling efficient management of product listings and order data for vendors

[Personal Portfolio](#)

Nov 2023 - Dec 2023

University of Windsor, Windsor, Ontario

Technologies: React, NodeJS, JavaScript, GitHub, Git

- Crafted a compelling and modern UI design using React components and styled with CSS, ensuring seamless responsiveness across various devices
- Implemented a 3D cube animation to highlight key skills and achievements, enhancing visual appeal and interactivity
- Deployed and maintained website on GitHub Pages, ensuring continuous availability and reliability

LEADERSHIP EXPERIENCE

Student Representative

Sep 2023 - Present

University of Windsor, Windsor, Ontario

- Acted as a liaison between students and administration, representing the interests and concerns of the student body in meetings with faculty, administration, and committees
- Participated in graduate committees, contributing to discussions on curriculum, policies, and campus development
- Addressed and resolved student concerns, conflicts, and issues by working collaboratively with faculty and GA, resulting in an increment of grades for 50 students

