# Vinit Vekaria

(647) 471-6196  vekariav@uwindsor.ca  GitHub  LinkedIn  Windsor,ON(Ready to relocate)

## SUMMARY

- Front-End Developer with 1+ years of hands-on experience building responsive, accessible, and scalable web applications using React, Next.js, and modern JavaScript.
- Skilled in Agile collaboration, CI/CD pipelines, and integrating backend APIs.
- Passionate about crafting user-centric experiences and contributing to high-impact tech products.

## TECHNICAL SKILLS

- **Front-End Technologies:** HTML5, CSS3, JavaScript , React (including Hooks, Next.js), Next.js
- **Accessibility & Testing:** code reviews, debugging, ticket triaging
- **Tools & Frameworks:** Jenkins (CI/CD), Git, Jira, Agile methodologies
- **Data Visualization**: Power BI, Tableau, SQL, MySQL
- **AI/Machine Learning:** Python, OpenAI APIs, NLP, TensorFlow, StreamLit, PySpark
- **Database & Other:** SQL, MySQL, n8n, RESTful APIs, Microsoft Power Platform

## EDUCATION

**Master of Applied Computing**                                              Jan 2024 - Apr 2025
University of Windsor • Windsor, ON

**Bachelor of Engineering**                                                    Jul 2019 - May 2023
University of Mumbai • Mumbai, India

## WORK EXPERIENCE

**Software Developer Intern**                                                Sep 2022 - Dec 2023
SnapGrab.inc • Mumbai | India
- Built and maintained interactive UI components using React to enhance user engagement.
- Worked closely with a small, fast-paced team to triage issues, debug features, and manage CI/CD deployments using Jenkins and Git.
- Contributed to AI feature development by integrating basic sentiment analysis for user feedback insights.

**Freelancing | AI Agent Developer**                                        June 2024 – Present
• Canada
- Built and deployed AI agents using OpenAI APIs and LangChain for automation and customer support.
- Integrated FastAPI and n8n for real-time data workflows and modular backend orchestration.
- Designed fallback logic, performance monitoring, and scalable deployment pipelines for production-ready systems.

## PROJECTS

**Academic Project Collaboration Platform ([SparkLink](#))**                    Jan 2024 - April 2024
University of Windsor • Windsor, ON
- **Technologies used:** React.js, Node.js, Express.js, MySQL, Python microservices
- Designed and deployed SparkLink, a live role-based academic collaboration platform connecting students, supervisors, admins, and business owners using React, Node.js, Express, and MySQL.
- Implemented resume uploads, team formation, in-app notifications, and secure authentication with Multer, Passport.js, and Sequelize ORM.
- Contributed across the full Agile lifecycle—frontend/backend development, Python microservice integration, debugging, and sprint-based delivery.

**Learning center for the employees ([RockLearn](#))**                    Sep 2024 - Dec 2024
University of Windsor • Windsor, ON
- **Technologies used:** React.js, Node.js, TailwindCSS
- Developed a platform to display GitHub-hosted labs and content, providing seamless access to learning resources on emerging technologies.
- Implemented a dynamic frontend/backend architecture ensuring real-time content synchronization and a responsive user interface.

**Cybersecurity Enhancement Platform ([CyberSentinel](#))**                    May 2024 - Aug 2024
University of Windsor • Windsor, ON
- **Technologies used:** Python, Streamlit, Llama3, MySQL
- Developed an open-source platform offering personalized cybersecurity recommendations and visual insights to enhance software security and risk mitigation.
- Enabled user-driven analysis with real-time risk inputs and integrated Llama3 for proactive security recommendations.

**GAN-based Image Authenticity Detection Model ([AI vs AI](#))**                    Jan 2024 - Apr 2024
University of Windsor • Windsor, ON
- **Technologies used:** Tensorflow, Python, Huggingface, GAN
- Built a GAN-based model capable of differentiating between real and generated images by fine-tuning hyperparameters and employing data augmentation techniques.
- Applied advanced training strategies to optimize model performance and reliably identify image authenticity.

## CERTIFICATIONS

- Introduction to Spark SQL and Data Frames                    May 2024 - May 2024
- Learning Hadoop                    Jun 2024 - Jun 2024
- Agile project management with Jira                    Mar 2024 - Mar 2024

## EXTRACURRICULAR ACTIVITIES

**Research Paper Publication Volume 11, Issue IV, IJRASET**
- Published research paper titled "Fitness Application with Music Player and Heart Rate Measurement" in IJRASET, focusing on integrating real-time heart rate monitoring with adaptive music playback

**Blind Code Competition Universal College of Engineering, Palghar, India**
- Secured runner-up position in a competitive coding event that tested problem-solving skills under blindfolded conditions, enhancing logical thinking and algorithmic expertise.