

Vinit Vekaria

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SUMMARY

- Front-End Developer with 1.5+ years of experience building responsive, accessible, and scalable web applications using React, Next.js, and modern JavaScript
- Skilled in Agile collaboration, CI/CD pipelines, API integration, and cloud-native development on Microsoft Azure
- Passionate about crafting user-centric experiences, AI-powered applications, and contributing to high-impact tech products

TECHNICAL SKILLS

- **Front-End Technologies:** HTML5, CSS3, JavaScript, React (Hooks, Next.js), TailwindCSS
- **Backend & APIs:** Node.js, Express.js, FastAPI, RESTful APIs, Swagger, Postman
- **Tools & Frameworks:** Microsoft Azure (DevOps, Functions, App Services), Jenkins (CI/CD), Git, Jira, Agile methodologies
- **Data Visualization:** Power BI, Tableau, SQL, MySQL
- **Automation & Tools:** n8n, Microsoft Power Platform, Debugging, Code Reviews, Ticket Triaging
- **AI/Machine Learning:** Python, OpenAI APIs, LangChain, NLP, TensorFlow, Streamlit, PySpark

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 May 2025 - present
Mastronardi Produce – Sunset • Kingsville | ON

- Developed new views, features, and dashboards within the Warehouse Management Application to improve operational visibility and reporting
- Integrated API endpoints with React/Next.js frontends for real-time data synchronization.
- Conducted endpoint testing using Swagger and Postman, along with regression testing and performance tuning for stable production releases
- Worked on bug fixes, debugging, and feature validation across modules
- Gained hands-on experience with Microsoft Azure Cloud Platform (Azure DevOps, Azure Functions, Azure App Services)

Freelancing | AI Agent Developer

- 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

- 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

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.

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
- Learning Hadoop
- Agile project management with Jira

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