

Parth Parakhiya

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Professional Summary

Master of Applied Computing student at the University of Windsor with hands-on experience **leading full-stack, AI/ML, and data-driven software projects** across academic and industry settings. Skilled in building **cloud-native platforms, interactive dashboards, secure REST APIs, and scalable microservices**. Proven ability to **lead cross-functional teams**, architect enterprise-grade solutions, and deliver **production-ready systems** with **quantifiable impact** in modern agile environments focused on measurable delivery.

Education

Master of Applied Computing (GPA: 3.7/4.0) University of Windsor, Windsor, Ontario, Canada	May 2024 – Present
Bachelor of Engineering, Computer Science (GPA: 3.3/4.0) University of Mumbai, Thane, India	May 2019 – May 2023

Technical Skills

Domains: Full-stack development, AI/ML, UI/UX, cybersecurity, data analytics, cloud applications, automation
Practices: Agile, CI/CD, test-driven development, scalable architecture, code review, peer collaboration, version control
Languages: Python, Java, C++, C#, JavaScript, TypeScript, .NET, SQL
Web Development & UI/UX: React, Angular, Node.js, Spring Boot, Django, FastAPI, HTML, CSS, Bootstrap, Figma, wireframing, prototyping, responsive design (WCAG)
AI/ML & Data Analytics: Pandas, NumPy, Scikit-learn, TensorFlow, OpenAI API, Streamlit, Jupyter Notebook
DevOps & Tools: Docker, Git, GitHub Actions, Linode, Azure, VS Code, Postman, Monday.com
Soft Skills: Collaboration, leadership, communication, critical thinking, initiative, curiosity, adaptability

Professional Experience

Operational Head / Web Solutions Lead SnapGrab Inc.	May 2023 – May 2024
<ul style="list-style-type: none">Led a 12-member team to develop cloud-native web applications using Node.js, Django, and MySQL.Designed accessible UI components with Figma and implemented real-time dashboards.Automated CI/CD pipelines and system monitoring, increasing system reliability by 20%.	
Research Lead / Developer Universal College of Engineering	Aug 2022 – Apr 2023
<ul style="list-style-type: none">Led research and development of an Android fitness app integrating biometric sensors and music response logic.Conducted optimization testing and published findings in IJRASET Journal (Vol.11, Issue IV).Managed a 4-member team to enhance user engagement via biometric feedback loops.	
Associate Web Developer Intern — NeoDocto Inc. (Remote)	Sep 2021 – Mar 2022
<ul style="list-style-type: none">Built responsive frontend interfaces using React and JavaScript to enhance user engagement.Developed backend APIs in .NET and integrated with MySQL for seamless data flow and reporting.Delivered performance dashboards and automated ETL pipelines, improving data processing speed by 30%.	

Academic Projects

CrediWise (AI-powered Loan Evaluation System) [GitHub]	Jan 2025 – Apr 2025
<ul style="list-style-type: none">Developed secure APIs and ML-driven rule engine using Angular, Spring Boot, and Python, achieving 87% prediction accuracy.Built dashboard modules for real-time loan eligibility tracking and user interaction.	
DataCascade (Distributed File Storage System) [GitHub]	Jan 2025 – Apr 2025
<ul style="list-style-type: none">Built fault-tolerant APIs using Django and MinIO for chunking, replication, and distributed access.Deployed with Dockerized architecture and integrated system monitoring tools for performance insights.	
DataCrafters (Automotive Intrusion Detection System) [GitHub]	Sept 2024 – Dec 2024
<ul style="list-style-type: none">Led a 3-member team to develop a real-time ETL pipeline using Python and TensorFlow for CAN bus anomaly detection with 96% accuracy.Deployed Streamlit dashboards and automated alerts for real-time vehicle risk events.	
WeTeachIT (Interactive Java Learning Platform) [GitHub]	May 2020 – Jan 2021
<ul style="list-style-type: none">Led development of a responsive web-based learning platform using HTML, CSS, JavaScript, and MySQL, adopted by 150+ students.Reduced onboarding time by 40% through intuitive UI design and modular content delivery.	

Certifications & Awards

- Published Research:** Fitness Application with Music Player and Heart Rate Measurement – **IJRASET**, [View Certificate]
- LinkedIn Learning:** Advanced Agile, Hadoop, Spring Boot, GitHub Security
- Award:** Runner-Up – Blind Coding Competition, Universal College of Engineering