

Parth Parakhiya

Windsor, Ontario

(437) 557-0516

[LinkedIn](#)

parth.praful.parakhiya@gmail.com

[GitHub](#)

SUMMARY

Resourceful Full Stack Developer and Computer Engineer currently pursuing a Master of Applied Computing at the University of Windsor. Experienced in building scalable, full-stack applications using **Python (Django, FastAPI)**, **JavaScript (React, Angular)**, and cloud services. Proficient in deploying solutions, developing **REST APIs**, and integrating ML models into production pipelines. Passionate about applying **AI/ML** to real-world problems in recruitment and HR tech. Proven leadership in collaborative academic-industry projects, with a strong focus on system architecture, security, and performance.

TECHNICAL SKILLS

Languages: Python, Java, C++, C#, JavaScript

Frontend: React, HTML, CSS, Tailwind, Angular

Backend: Django, FastAPI, Node.js, Spring Boot

Databases: PostgreSQL, MongoDB, MySQL, SQLite

DevOps: GitHub (CI/CD), Docker, Linode, Ubuntu

AI/ML: scikit-learn, OpenAI API, TensorFlow, PyTorch (basic), Pandas, NumPy

Tools: VS Code, Android Studio, Prometheus, JWT, AES, Microsoft Office

Methodologies: Agile, Scrum, SDLC

EDUCATION

Master of Applied Computing

May 2024 - Present

University of Windsor, Windsor, Ontario

- Available for a 4 or 8-month internship starting May 2024: Degree completion directly after internship
- Relevant coursework: Advanced Software Engineering, Internet Applications and Distributed Systems, Advanced Computing Concepts, Advanced Database Topics

Bachelor of Engineering, Computer Science

May 2019 - May 2023

University of Mumbai, Thane, India

- Relevant coursework: Artificial Intelligence, Machine Learning, C Programming, Data Structure, Management Information System

PROFESSIONAL EXPERIENCE

Operational Head | Web Solutions Lead

May 2023 - May 2024

SnapGrab Inc., Mumbai, Maharashtra, India

Technologies: HTML, CSS, Python, MySQL, NodeJS, JavaScript

- Directed a 12-member team to build client-interactive web tools for event management
- Optimized and maintained full-stack applications using **Node.js**, **Python**, and **MySQL**, improving system efficiency and reliability by **20%**
- Managed company's website deployments and handled version control via **Git**

Associate Web Developer Intern

Sep 2021 - Mar 2022

NeoDocto Inc, Manhattan, New York, USA (Remote)

Technologies: HTML, CSS, Python, MySQL, C#

- Enhanced website performance and UI/UX using **HTML**, **CSS**, and **Python**-based tools
- Implemented web scraping for data integration and automated workflows
- Contributed to responsive frontend using **C#** and cross-platform designs

PERSONAL PROJECTS

WeTeachIT (Interactive Java Learning Platform) [GitHub](#)

May 2019 - Jan 2020

Technologies: HTML, CSS, JavaScript, C#, MySQL, Visual Studio

- Constructed an interactive website to facilitate easier and more enjoyable learning of **Java**, featuring step-by-step guides and exercises to enhance understanding of core concepts
- Utilized **SMTP** for password retrieval as well as authentication via user email
- Built a dynamic website operating **C#**, **HTML**, **CSS**, **JavaScript**, **MySQL**

ACADEMIC PROJECTS

CrediWise (Automated Loan & Credit Eligibility System) [GitHub](#)

Jan 2025 - Apr 2025

University of Windsor (for TD Bank), Windsor, Ontario

Technologies: Angular, Spring Boot, Python, MySQL, JWT, AES

- Built an AI-powered platform with **Spring Boot**, **Angular**, and **Python** ML models for automated loan approvals
- Designed rule-based logic with DTI and credit scoring; achieved **87%** prediction accuracy
- Integrated frontend/backend/API layers and ensured sub-2-minute decision times

DataCascade (Distributed File Storage and Retrieval System) [GitHub](#)

Jan 2025 - Apr 2025

University of Windsor, Windsor, Ontario

Technologies: Django, MinIO, Docker, HTML/CSS, SQLite

- Led development of a scalable **Django**-based platform with **MinIO** for file chunking, replication & error handling
- Orchestrated containerized services via **Docker** and monitored health
- Designed APIs and logic for versioning, file metadata, and consistency checks

ACHIEVEMENTS

- **Published Research:** Fitness Application with Music Player and Heartrate Measurement – IJRASET, Vol.11, Issue IV (April 2023) ([View](#))
- **Runner-Up:** Blind Coding Competition – Universal College of Engineering, Palghar, India (May 2022)

ADDITIONAL TECHNICAL TRAINING

Advanced Agile: The Team's Mindset, LinkedIn Learning ([View](#))

Nov 2024

Learning Hadoop, LinkedIn Learning ([View](#))

Oct 2024

Building Real-Time Web Apps with Spring Boot and WebSockets, LinkedIn Learning ([View](#))

May 2024

GitHub Foundations: Privacy, Security, and Administration, LinkedIn Learning ([View](#))

May 2024

Certificate Course in JAVA Programming, Raj Computer Academy, India ([View](#))

Jan 2020

Certificate Course in C & C++ Programming, Raj Computer Academy, India ([View](#))

May 2019