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| **Parth Parakhiya** |

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| Windsor, Ontario | |
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**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](https://github.com/Parth-Parakhiya/WeTeachIT.git) 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](https://github.com/Parth-Parakhiya/CrediWise.git) 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](https://github.com/Parth-Parakhiya/DataCascade.git) 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](https://www.ijraset.com/print-certificate/fitness-application-with-music-player-and-heart-rate-measurement))
* **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](https://www.linkedin.com/learning/certificates/27130ebbc96df2175a7f5c116e7e11a8816ea5e6d899e4ba971f014c8cf15baa?trk=share_certificate)) Nov 2024

**Learning Hadoop,** LinkedIn Learning ([View](https://www.linkedin.com/learning/certificates/50c42a1508a0fadd2788cf3896958a3a888d6f4133af3751e7863e324210125d?trk=share_certificate)) Oct 2024

**Building Real-Time Web Apps with Spring Boot and WebSockets,** LinkedIn Learning ([View](https://www.linkedin.com/learning/certificates/523ee8a042025e0f7e4720c8e719c8099415678d6eb3f911308f34c5c15e8302?trk=share_certificate)) May 2024

**GitHub Foundations: Privacy, Security, and Administration,** LinkedIn Learning ([View](https://www.linkedin.com/learning/certificates/f2b3ee18688a08100f47352737442d65b2afeeff42642344957d8d0c0cc9b709?trk=share_certificate)) May 2024

**Certificate Course in JAVA Programming,** Raj Computer Academy, India ([View](https://drive.google.com/file/d/17klFgGhyhRLjyP94oecfMPbre1vmqC6X/view?usp=sharing)) Jan 2020

**Certificate Course in C & C++ Programming,** Raj Computer Academy, India ([View](https://drive.google.com/file/d/17klFgGhyhRLjyP94oecfMPbre1vmqC6X/view?usp=sharing)) May 2019