

ZAKI RANGWALA

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EDUCATION

Wilfrid Laurier University
Bachelor's, Computer Science

September 2021 - April 2025
GPA: 3.9

PROFESSIONAL EXPERIENCE

Faura

Software Engineer

Remote

June 2025 - Present

- Implemented a comprehensive natural disaster assessment tool utilized by over 10,000 homeowners to mitigate property risks.
- Collaborated with 150+ industry professionals to design and implement a cutting-edge wildfire risk assessment, enhancing property safety protocols.
- Built cutting-edge and scalable tools to boost property resilience and rethink risk, one home at a time

Clover Labs

Software Engineer

Remote

March 2025 - June 2025

- Built AI-powered growth agents that automate sales and voice interactions to help brands scale effortlessly
- Shipped and iterated across multiple product lines, leveraging LLMs to craft high-conversion funnels, from cold outreach to call-based engagement.

PokerGPT

Co-Founder

Toronto, ON, Canada

January 2024 - February 2025

- Spearheaded the development of PokerGPT, an AI-powered Poker Coach, leveraging advanced
- LLMs and sophisticated prompt engineering.
- Launched and optimized the backend model, including integration of solver functionalities, achieving a user base of over 1000+ within the first month.

Onova

Software Engineer

Remote

November 2023 - September 2024

- Developed and enhanced Earth, a comprehensive hackathon management platform, implementing authentication, submission, and admin workflows.
- Successfully managed two major hackathons, Capgemini x Google and Capgemini x Microsoft, attracting over 4000 participants, marking it as one of the largest internal corporate Gen AI hackathons.

PROJECTS & OUTSIDE EXPERIENCE

Spotify Emotion Classifier

Lead Developer

- Developed an advanced emotion recognition model that classifies seven distinct emotions with an accuracy rate of up to 97%.
- Utilized an ensemble of pre-trained VGG16, ResNet50, and InceptionV3 models, integrated with a Gradio app to provide Spotify playlists tailored to the detected emotions.
- [Link to project](#)

Real Time Face Mask Detector

Lead Developer

- Developed a state-of-the-art object detection application capable of instantaneously discerning mask usage, bolstering safety compliance by 30% in tested environments.
- Utilized the Object-Detection API and TensorFlow framework to proficiently train the SSD-mobile net neural network using a dataset of 300+ images, achieving a detection accuracy rate of 95%.
- [Link to project](#)

SKILLS

Skills: C/C++, Git, Python, Java, Next.js, Adobe Photoshop, TypeScript, Bash, MySQL, Adobe After Effects, React.js, Firebase, Digital Ocean, Django, Postgres, Pytorch, Figma, Blender, Docker, Adobe Illustrator, Linux/Unix