

# Saood Imran

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## PROFESSIONAL SUMMARY

Full Stack Developer with a bachelors in Software Engineering (honors). Previously worked in Innovation at OPG, developing a fuel-removal scheduling tool, and as an Associate at Infosys making Web Apps. Skilled in full stack development and real-time data integration using Kafka, Redis, and FastAPI.

## EDUCATION

### Ontario Technology University

*Bachelor of Engineering*

Oshawa, ON

04/2022

## SKILLS

**Languages:** Python, JavaScript, Java

**Frameworks:** React, Next, Node, Express, FastAPI

**Databases:** PostgreSQL, Redis, MongoDB, SQL Server

**Technologies:** AWS, Kafka, Zookeeper, Docker, Power BI, Git

**Others:** UI/UX Collaboration, Debugging, API Integration

## EXPERIENCE

### Associate (Software Developer)

10/2022 – 10/2023

*Infosys*

*Mississauga, ON*

- Developed front and backend components for InfyInsurance, a multi-role web app used by patients, providers, and insurers, using Java Spring Boot, PostgreSQL, and Angular.
- Optimized old database tables and queries in PostgreSQL, reducing latency by 2-300% for certain requests
- Built and documented RESTful APIs to support claims processing, benefit lookups, and policy administration across user groups.
- Delivered enhancements to internal tools (e.g., job posting portal, FAQ dashboard, internal query submission app) that improved usability and reduced manual queries.
- Collaborated in an Agile team of 6–8 developers, regularly participating in sprint planning, code reviews, and demos to iterate on business requirements.

### Software Engineer (Internship)

07/2020 – 07/2021

*Ontario Power Generation*

*Bowmanville, ON*

- Developed spent fuel analysis tool (python) to re-organize and future-proof multiple radioactive fuel bays to minimize extraction costs reach decommissioning targets
- Reduced operational overhead by 90% through automation of daily reporting workflows and document generation, saving \$250,000 over 10 years.
- Implemented intelligent sorting algorithm for large datasets to handle complex stacking dependencies (6-layer deep storage) and time-based removal requirements, optimizing throughput while preventing future bottlenecks in extraction plans
- Led full project lifecycle including stakeholder meetings, technical architecture decisions, and full-stack development for my main project
- Collaborated with people from various disciplines and backgrounds effectively, to manage projects and introduce new Software and Technology as apart of the Innovation department

### Math Instructor

10/2024 – Present

*Mathnasium*

*Pickering, ON*

- Provide direct one-on-one academic support to students aged 4–18 in math, physics, and computer science
- Use clear, empathetic communication to break down complex problems and foster critical thinking
- Prepare individualized learning materials and support students during high-pressure exam prep periods
- Provide guidance to remote students on accessing and using our custom tools and educational material

## PROJECTS

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### Oshawa Hub

06/2025 – Present

- Built a containerized data pipeline to display and track real-time Air Quality Health Index and Weather data from various sensors across Oshawa

### AniRename

04/2025

- Built an open-source Python-based desktop app to automate anime media library organization through renaming and organizing files into appropriate folders, using data from AniDB.