

# Rehan Mohideen

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7+ years in Software Development · 3+ years of work experience in software engineering · 4 hackathon victories in a row

## SKILLS

Languages: JavaScript, TypeScript, Python, SQL, PostgreSQL, C/C++, C#, Java, Flutter, R, Shell, PHP, Ruby  
Tools: AWS (EC2, RDS, S3), Azure, GCP, ReactJS, NextJS, NodeJS, Git, CI/CD, Tailwind, Docker, REST

## WORK EXPERIENCE

### CitySwipe

Software Engineer

Jul 2024 - Oct 2024

- Developed a full-stack app to help users find vacation spots powered by Next.js & supabase, with a team of 3.
- Won first place at Headstarter 2024 Hackathon out of 550 participants and pushed the app to launch.
- Tuned Gemini Model to create an immersive chat & provide tailored destinations.

### GBADs (Global Burden of Animal Diseases)

Ontario

Data Analyst/Software Engineer

Jun 2021 - Apr 2024

- Streamlined workflow optimization by orchestrating the integration of a Slack bot with an AWS-powered (S3, EC2) dashboard, automating real-time authorization of dashboard comments
- Mastered SQL database management, adeptly creating and handling 60+ complex tables with over 1000 rows each using Python and R scripts for seamless data access and efficient query execution
- Developed data reports and visually appealing web dashboards using Python (numpy, pandas, matplotlib, dash) and Shell scripting, empowering data-driven decision-making through analysis of animal data from 2003 to 2020.

### Yurmo

Ontario

Software Engineer

May 2022 - Dec 2023

- Led the end-to-end software development life cycle in sprints, from ideation to the launch of the Flutter app, by effectively managing teams, aligning the product with market needs, and conducting unit testing.
- Designed a user-appealing website with extensive user testing and Figma, and led development using Next.js for a seamless, responsive experience.
- Implemented Supabase SSO for seamless and secure user authentication (OAuth), enhancing user experience and security.

### Kenna

Ontario

Web Application Developer

Oct 2021 - Dec 2021

- Implemented new features and enhanced full-stack website functionality using ReactJS, JavaScript, and NodeJS, effectively managing the back-end SQL server database to optimize user experience and website performance
- Collaborated cross-functionally in weekly sprints, leveraging the JIRA ticketing system to efficiently complete tasks and enhance functionality in 30+ page web apps based on client requests.
- Executed search engine optimization strategies to enhance the visibility and performance of client websites

## PROJECTS

### Customer Churn Prediction

Python, OpenAI, ML

[github.com/rehan-code/customer-churn-prediction](https://github.com/rehan-code/customer-churn-prediction)

- Developed an Web Dashboard that predicts customer churn probability based user statistics from a large data set
- Implemented various Machine Learning classifiers and models to obtain prediction statistics

### Advisorlink

TypeScript, React, Azure, Docker, Flask, PostgreSQL, Selenium

[github.com/rehan-code/advisorlink](https://github.com/rehan-code/advisorlink)

- Developed full-stack web application for efficient course selection and scheduling, streamlining the planning process
- Implemented a robust CI/CD pipeline and conducted Selenium testing to ensure seamless deployment

### Game Library WebApp

HTML, CSS, PHP, CI/CD, SQL, Docker

[github.com/rehan-code/Game-Library-Web-App](https://github.com/rehan-code/Game-Library-Web-App)

- Developed full-stack web application for a website that has a library of games that the users can play implementing RESTful API
- Implemented a robust CI/CD pipeline and conducted unit and frontend testing to ensure seamless deployment

### GlobeTrotter

TypeScript, NextJS, geminiAPI, Vercel, GCP, Python

[github.com/Team-S-I-R/globetrotter-ai](https://github.com/Team-S-I-R/globetrotter-ai)

- Developed a full-stack app to help users book flight tickets using AI.
- Won first place at Headstarter 2024 Hackathon out of 550 participants.
- Used Google Cloud text-to-speech and speech-to-text api to interact with Gemini API using a python backend.

### Arabic Assistant

TypeScript, NextJS, geminiAPI, Python, AWS

[github.com/rehan-code/AI-Customer-Support](https://github.com/rehan-code/AI-Customer-Support)

- Developed an AI assistant using Gemini/huggingface models to create an Arabic teacher AI assistant
- implemented RAG on the server using Python (FastAPI), hugging face open router api, llama 3.1 model, OpenAI, LangChain and Pinecone for embeddings

## EDUCATION

### University of Guelph

Guelph, Ontario

Bachelor of Computing, Software Engineering Major & Physics Minor **GPA: 4.0**

Sep 2019 - Apr 2024

- Honored with a position on the Dean's honours list
- Relevant Courses: Software Engineering, Software Design 5, Software System Development and Integration, Data Structures, Analysis & Design of Algorithms, Object Oriented Programming, Software Reliability & Testing