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:	TypeScript, Python, C/C++, C#, Go, SQL, PostgreSQL, JavaScript, Java, Flutter, R, Shell, PHP, Ruby
Tools:	AWS (RDS, S3, EC2), 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.

University of Guelph (GBADs) ↗   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, RDS) dashboard, automating real-time authorization of dashboard comments
- Proficient in 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 agile software development, 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 (scikit, streamlit), OpenAI*   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

GlobeTrotter *TypeScript, NextJS, geminiAPI, Vercel, GCP. Python*   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 using a python back-end

Game Library WebApp *HTML, CSS, PHP, CI/CD, SQL, Docker*   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 front-end testing to ensure seamless deployment
- Led agile sprints, managing a team of 7, Managing tasks assignment, documentation and regular code reviews

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

Arabic Assistant *TypeScript, NextJS, geminiAPI, Python, AWS*   github.com/rehan-code/AI-Customer-Support ↗
- 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