

SOHAN KOLLA

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SKILLS

LANGUAGES: Java, JavaScript, TypeScript, Go, C, Python, SQL, HTML, CSS

TECHNOLOGIES: Git, CLI, React, Vue, Tailwind, Spring Boot, PostgreSQL, SQLite

EDUCATION

Queen's University - School of Computing

Expected May 2026

- Third Year Computer Science, Bachelor of Computing (Honours)

EXPERIENCE

Full Stack Software Developer

May 2024 – Aug 2024

Elara Global Taiko Server

- Developed a full stack web application for a game development team, focusing on user customization features and secure game authentication for a desktop video game
- Implemented a secure RESTful API in Go to handle user authentication and data, optimizing both security and performance in handling information
- Improved web page performance by decreasing first-load file size by 89% enhancing user experience for worldwide users
- Accelerated average web page load time by 92%, significantly improving site performance and speed
- Designed and styled visually appealing web pages using Tailwind CSS and Vue
- Wrote optimized SQL queries and implemented efficient CRUD operations across multiple databases, ensuring data integrity and performance
- Managed version control with Git CLI and GitHub, ensuring best practices and maintaining clear, documented commit histories

PROJECTS

Pass->Thru: Full-Stack Password Manager

github.com/sohankolla/PassThru

Web App & Chrome Extension

Tailwind, TypeScript, React, Java, Spring Boot, PostgreSQL

- Developed a full-stack password manager web app and Chrome extension, featuring secure user authentication, password storage, and a RESTful API built with Java Spring Boot
- Designed a React-based frontend to provide a seamless user experience with password generation and auto-fill functionality, greatly enhancing login efficiency and convenience
- Deployed the application on Azure Spring Apps, leveraging Azure Database for PostgreSQL for scalable and secure data management
- Integrated AES encryption (javax.crypto) for secure password storage and implemented BCrypt hashing via Spring Security for user authentication

QuizWiz: Trivia Quiz Game

github.com/sohankolla/QuizWiz

Web App

JavaScript, React, Open Trivia Database API

- Developed an interactive quiz game web app that dynamically fetches questions via external API calls
- Leveraged React for component-based architecture, efficient code reuse, and maintainability
- Implemented features like answer feedback, graded sessions, and seamless replay functionality