

Yesom Son

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Summary Of Qualifications

- Languages: Java, C#, Python, JavaScript, TypeScript, C
- Database: MySQL, Microsoft SQL Server, PostgreSQL, MongoDB, Oracle, Neo4j, Firebase Realtime Database
- Others/Knowledge: HTML, CSS, Sass, React, Angular, Node.js, Express, Next.js, ASP.NET, Docker, JUnit, REST API, AWS, NumPy, Pandas, scikit-learn, Matplotlib, Microsoft Suite, Machine Learning, Android SDK, OOP, UML, MVC CI/CD, Git, Figma, UI/UX, Operating System, Data Structures and Algorithms, SDLC, Agile Scrum, Jira
- 4th year student at the University of Toronto Scarborough, specializing in software engineering
- Passionate problem solver with strong testing and debugging skills
- Enjoys problem solving, working both individually and collaboratively
- Eager to grow knowledge and learn new tools to embrace and adapt to evolving technologies

Education

University of Toronto, Scarborough

2019 - Present

Candidate, Honours Bachelor of Science (Coop)

Software Engineering Stream Specialist in Computer Science

Work Experience

Taq Automotive Intelligence

May 2023 - December 2023

Junior Software Developer Co-op

- Developed new UI components of a user message sent by lender and lender admin in Angular and JavaScript
- Extensively contributed to database management, writing MSSQL queries and stored procedures and fixing issues with Entity Framework
- Proficiently debugged and wrote diverse test cases in C#, such as workflow tests, SpecFlow tests, and unit tests
- Participated in AWS migration and fixed backend code issues during migration in C# ASP.NET and Java
- Collaborated closely with team members through pair programming
- Participated in night deployments to test, address, and swiftly fix issues during deployment

Projects

Zoomer, Introduction to Software Engineering (CSCC01) - University of Toronto, Scarborough

2021

- Implemented API Gateway and Microservices for users, trip information, and locations in Java, individually
- Used Docker and connected three relational/non-relational databases such as PostgreSQL, Neo4j, and MongoDB
- Applied Data Access Object (DAO) design pattern to abstract the details of data stores
- Used Gitflow as a practice of continuous delivery and changes to code
- Worked intensely on endpoints and testing REST API with Postman

BookSmart, Introduction to Software Engineering (CSCC01) - University of Toronto, Scarborough

2021

- Implemented MERN Stack web application, which provided tutoring systems and enabled users to buy or sell old textbooks conveniently in a single platform
- Followed the Agile Scrum methodology with frequent deliveries and used Jira for project tracking to collaborate
- Designed the whole user interface with Figma
- Developed front end and back end of the whole textbook system
- Built a search engine and a filter by multiple parameters such as school, location, price, and rating
- Implemented a user activity history page and features to edit information

Doctor Appointment, Software Design (CSCB07) - University of Toronto, Scarborough

2021

- Implemented Android application in Java, which helped doctors to view and manage their schedules and patients to book an appointment with doctors
- Used Firebase Realtime Database to manage data and applied MVP design pattern

MyPlanner

2023 - Present

- Developed a scheduler system with React, SCSS, Node.js, and MySQL, enabling users to schedule agenda through a calendar and track time with a timer to measure productivity and satisfaction on a daily, monthly, and yearly basis

Personal Website

2024

- Provided detailed descriptions of more recent projects and a self-introduction