

Shubh Soni

Software Engineer

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EDUCATION

Conestoga College

Advanced Diploma, Software Engineering

Waterloo, Ontario

2023 - 2025

TECHNICAL SKILLS

Languages: Python, Java, JavaScript C/C++, C#, PHP, HTML, CSS, JSON, jQuery, Assembly

Libraries and Frameworks: Django, NPM, ASP, .NET, ASP.NET

Database and Tools: MySQL, Git, Github, Doxygen, Azure Virtual machine

Design: Lucidchart, Mockflow, Adobe Creative Suite

Other: IIS, CGI, GNU Debugging, Data Structures and Algorithms, Object Oriented Programming (OOP), Software Testing and Quality Assurance, Agile Methodology (SCRUM)

EXPERIENCE

Software Developer

Jul 2023 – Present

Freelance

- Implemented a real-time data analytics system using **Python**, reducing data processing time by 40% and increasing efficiency, with results stored in **MySQL** for further analysis
- Collaborated with a team to create a cross-platform application in **C#** using **ASP.NET**, improving client-server communication by 30% and enhancing user experience through the integration of **JSON** and **jQuery** for dynamic content updates

Software Engineering Academic Tutor

May 2023 – Dec 2023

Conestoga College

- Provided one-on-one tutoring sessions in **Data Structures, Algorithms, and version control**, facilitating project success and coursework comprehension
- Organized peer study groups and led review sessions, enhancing collaborative learning and improving student retention by 35%

Discord Server Developer

Jan 2021 – Dec 2021

EsportsHub

- Implemented strategic server moderation and management techniques with **Discord bot** integration, resulting in a 20% increase in user activity and satisfaction
- Increased user engagement by 40% through the implementation of interactive features such as custom commands, games, and event notifications

PROJECTS

Text Editor | FullStack Website - ASP.NET, jQuery, JavaScript, HTML/CSS, JSON, C#, IIS

- Engineered a full-stack Text Editor application utilizing **ASP.NET (C#)** and **jQuery**, facilitating seamless client-server interaction and dynamic UI updates, resulting in enhanced user productivity and satisfaction
- Implemented intuitive file management features and real-time editing functionality, leveraging **HTML/CSS** for the user interface, ensuring a minimalistic design and seamless user experience

Kindle Library | FullStack Application - Java, SQLite

- Developed Kindle Library Android application, utilizing **Java** for frontend development and **SQL** for backend database management to create a book-buying experience with secure authentication features
- Managed file handling, network interactions, and **SQLite** database management using asynchronous tasks, following an architecture for code modularity

Logging Service | FullStack Application - C#, Java, ZeroTier

- Created a logging service and test client, using **C#** for the client and **Java** for the server-side, ensuring seamless integration and comprehensive testing in this network-based project
- Achieved a 95% reduction in troubleshooting time through efficient log transmission. Implemented streamlined log printing and configuration, validated by troubleshooting capabilities and comprehensive validation processes