

SUMER PUNJABI

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EXPERIENCE

Software Engineer Intern

CarTrade

📅 June 2021 - April 2022

📍 Mumbai, IN

- Created and deployed a **.NET mircoservice** for server-side authorization using **C#**
- Created and delpoyed a script to upload different metrics concurrently to a **Prometheus** time series database using **Golang, Jenkins and Codacy**
- Implemented **Unit Testing** for different microservices using a custom-built testing tool.
- Improved the efficiency and reduced the load time of server-side rendered websites through optimization and removal of unused code

Web Developer Intern

Superblanks

📅 May 2022 - September 2022

📍 Remote

- Improved response time for the custom REST API by implementing **Asynchronous Programming** using **Asyncio and Caching**
- Implemented a reccomendation system for the similar and recommended products using **Collaborative Filtering**
- Improved the response time for the **Superblanks** website by **50%** by optimizing the code and removing unused code
- Used **Javascript, Node.js, HTML, CSS**

SKILLS

PROGRAMMING: Python, JavaScript, Go, Java, C#, HTML, CSS, SQL, C, x86 Assembly, MATLAB

TECHNOLOGIES: Git, Linux, .NET Core, React Native, Bootstrap, Docker, Jenkins, Postman, Unity

CLOUD: AWS, DigitalOcean, Heroku

LANGUAGES: English, Hindi

EXTRACURRICULAR

- **Member** | Computer Science Society
- **Participant** | Google Solution Challenge 2023

EDUCATION

Bachelor of Science in Computer Science (Honors)

University of Windsor

📅 September 2021 - May 2024

- **84.2%** Major Average, **80.4%** Cumulative Average
- Minor in **Mathematics**
- **Relevant Coursework:** Data Structures and Algorithms; Numerical Analysis for Comp. Sci; Object Oriented Programming using Java; Intro to Software Engineering; Applied Computer Security; Operating Systems Fundamentals; Artificial Intelligence Concepts

PROJECTS

🔗 Directory Encryption

- Python app featuring **RSA and AES encryption** for user files
- Allows users to encrypt and decrypt files and directories on start/shutdown for security
- Created using **Python and pycryptodome**

🔗 Post Delivery Bot

- Automated script to retrieve posts from Reddit and post it to Instagram
- Over **1,000** posts to date
- Created using **Python and Heroku**

🔗 Olympics API

- **REST API** created to serve historic data related to the Olympics
- Serves athlete, country, participation and medal data
- Created using **Python, FastAPI, and MySQL**

🔗 SoundBridge

- **JavaScript-based** web application designed to transfer playlists between multiple music streaming services
- Front-end developed using **React and Bootstrap**
- Developed using **JavaScript, React.js, and Bootstrap**