Niagara Falls
Ontario, Canada

Ashu Chauhan

(905) 358-4278
ashuchauhan2702@gmail.com

github.com/ashuchauhan2 | linkedin.com/in/ashuc27 | ashuchauhan.com

PROFESSIONAL SUMMARY

Aspiring software engineer with solid computer science fundamentals and practical experience through various technical and non-technical roles. Proficient in Java, Python, and JavaScript, with a passion for developing scalable software solutions and a strong interest in the software development process.

EDUCATION

St. Catharines   **Brock University**   **Sep 2020 - Present**

Bachelor of Science in Computer Science
Relevant Courses: Data Structures, Algorithms, OOP, Advanced Algorithms, NLP, Web Dev, Big Data
Certificates: Meta Front-End Dev, Meta JS Programming, Meta Version Control

EMPLOYMENT

Pro Shop Team Lead   **Grand Niagara Golf Club**   **April 2024-December 2024**

- Conducted **hands-on training sessions for staff on new software**, enhancing operational efficiency for golf course tee time management
- Collaborated in the redesign of workflow procedures to overcome limitations in new tee sheet software, improving user experience and operational adaptability
- Maintained and updated **golf course members database** and made adjustments to player profiles as needed with different membership tiers

IT Support Technician - Co-op   **Government of Canada**   **Sep 2022 - Dec 2022**

- **Managed and maintained 100,000+** mobile devices across all federal government branches, ensuring smooth operation and maximum up-time
- Performed weekly infrastructure tests on overall server health status and delivered detailed reports containing issues when necessary
- Performed comprehensive **back-end server maintenance**, directly contributing to continuous and uninterrupted access to critical government services
- Prioritized and **resolved IT support tickets** from all government departments based on their severity, providing timely solutions and minimizing downtime
- Participated in **weekly meetings with large vendors** discussing internal issues and needs that must be resolved as well as future planning

PROJECTS

Genetic Algorithm   **Java**   **2023**

- Developed an advanced Java-based GA to crack Vigenère cipher encryption, optimizing decryption via dynamic crossover and mutation strategies, demonstrating robustness across multiple testing scenarios

Image to Text Tool   **Python**   **2022**

- Developed a application which allows users to select files via a GUI, and then using OCR technology, gives you the raw text from the image selected

TECHNICAL SKILLS

Languages: Java, Python, JS, HTML, CSS, SQL; **Frameworks/Libraries:** React, Bootstrap, Tailwind; **Tools:** Git, GitHub, PyCharm, VS Code, IntelliJ, CLI