

# Ajaypal Sallh

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## TECHNICAL SKILLS

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**Languages:** Java, Python, SQL, JavaScript, HTML/CSS  
**Frameworks:** Node.js, Flask  
**Developer Tools:** Git, VS Code, Visual Studio, PyCharm, IntelliJ  
**Libraries:** pandas, NumPy

## EDUCATION

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**University of Calgary** Calgary, AB  
*Bachelor of Science in Computer Science* Sept 2022

**University of Calgary** Calgary, AB  
*Bachelor of Arts in Law and Society* Sept 2017 – Aug 2021

## PROJECTS

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**The Pokemon Companion** | [Website](#) [Github](#) June 2023

- Developed a cutting-edge Pokemon companion app using **HTML/CSS**, and **JavaScript**, enabling users to swiftly search for Pokemon while leveraging advanced algorithms to identify their strengths and weaknesses for strategic battle planning.
- Employed **Python** to efficiently organize and transform data into a readily accessible **JSON** format, facilitating seamless access to comprehensive Pokemon information.
- Utilized **JavaScript** by implementing dynamic Pokemon generation as users typed, accompanied by the creation of a user-friendly modal interface showcasing detailed information for each Pokemon.

**Multi-Threaded Greenhouse Simulator** April 2023

- Developed a user-friendly greenhouse simulator using **Java**, **JavaAWT**, and **JavaSwing**, allowing users to customize initial and ideal conditions for temperature, humidity, and soil moisture. Implemented functionality for adjusting the rate of change for natural environmental factors as well as controlling the impact of various systems, including the furnace, AC, sprinkler system, and humidifier, all with accompanying **UML**
- Created utilizing a **Model-View-Controller (MVC)** design and **multithreading**, allowing for real-time monitoring of temperature, humidity, and soil moisture, as well as the status of devices in use. Enabled users to save their custom simulations and retrieve previously saved ones for further analysis

## EXPERIENCE

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**Backroom Management Key Holder** July 2021 – January 2022  
*Adidas* Calgary, AB

- Independently directed data entry in management software, tracking over **thousands** of items on a regularly using **SAP** and **Smartsheet**
- Developed **highly organized** workstation to streamline online order processing, resulting in consistent 96
- Managed outgoing online orders and delegated team responsibilities during high pressure and fast-paced Black Friday Weekend, securing third highest revenue among all Adidas Stores in Canada at **\$73k**

**Sales Associate** Oct. 2018 – July 2021  
*Adidas* Calgary, AB

- Achieved sales goals by strong interpersonal communication ability by building relationship with customer by delivering brands philosophy using product knowledge
- Collaborated on team of 10** through effective **communication**, **relationship-building**, resulting in a significant boost in sales and successful conversion