Vanshaj Vohra

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WORK EXPERIENCE

Product Management Intern, Tecsys   Jan 2023 – present
- Writing user stories and design documents for a headless omnichannel commerce platform built using a RESTful API services layer.

Product Developer, AutoCate   May 2022 – Aug 2022
- Developed and launched a Minimum Viable Product(MVP) of a company dashboard in Python and Flask that acts as an interface between the admin & users and allows for CRUD operations & authentication.
- Conducted market research, wrote PRD, and designed usability studies for 100+ beta users to determine the top addressable challenges and iterated based on the feedback.

Software Engineering Intern, Ciena   Sep 2021 – Dec 2021
- Developed a prototype of a web-based visualizer to represent dependencies between network domains & microservices as an aid for real-time troubleshooting to be used by 2500+ developers in HTML & JavaScript.
- Wrote test suites in Python for a file system microservice that uses YANG RPCs to execute Linux commands as part of a standardized framework on an embedded platform.

PROJECTS

PhysiBot, Hack the North 2021 ⌞⌝   Jan 2021
- Built an assistive web chatbot in React that provides a preliminary health prognosis and recommends the nearest healthcare facility while travelling in a foreign country as part of a 3-member team.
- Implemented the recommendation feature based on a machine learning model designed using an XGB classifier in the IBM Watson API Studio & Python.

AgGro, IvyHacks 2020 ⌞⌝   Oct 2020
- Developed a web application in HTML, CSS and JavaScript to aggregate and automate ordering groceries for individuals living in shared spaces by creating a persistent data store using Web Storage API.

Budget Tracker, Personal Project ⌞⌝   Aug 2020
- Created a web application to track my college budget through intuitive color settings in React & ContextAPI.

Reword, Personal Project ⌞⌝   Dec 2019
- Implemented a text summarization & keyword extraction program in Jupyter Notebook using PyTorch and T5 to assist with effective learning & studying.

SKILLS

- **Programming Languages:** Python, JavaScript, C, C++, HTML & CSS, Racket, Shell, R, SQL
- **Technologies/Frameworks:** Scrum, Agile methodologies, React, Git, Django, Flask, Docker, Linux, Figma

EDUCATION

Bachelor of Computer Science(Honours), University of Waterloo   Sep 2020 – Apr 2025
Relevant Coursework: Object-Oriented Software Development, Data Structures and Data Management, Computer Organization & Design, Foundations of Sequential Programs, Logic and Computation, Elementary Algorithm Design and Data Abstraction, Entrepreneurial Strategy, Statistics, Calculus II

RESEARCH & PUBLICATIONS

Relationship Between Personality Types and Academic Performance in Class X CBSE Exams,
Volume 07, Issue 4, October-December, 2019, International Journal of Indian Psychology ⌞⌝

HONORS & AWARDS

President's Scholarship of Distinction, University of Waterloo
Awarded to students with an admission average of 95% or higher