

Vanshaj Vohra

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WORK EXPERIENCE

Product Management Intern, Tecsyst

Jan 2023 – Apr 2023

- Authored 25+ user stories and conducted Product Backlog Refinement meetings, defining the architecture of a headless omnichannel order management platform comprising 50+ REST APIs and microservices.
- Led project to redesign the API Developer Portal homepage to increase stakeholder adoption.
- Developed comprehensive, environment-agnostic Postman collections for Tecsyst REST APIs, reducing client setup time by 40%.

Product Developer, AutoCate

May 2022 – Aug 2022

- Developed and launched 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

- Constructed a web-based visualizer in JavaScript to surface key relationships between network domains & microservices, assisting 2500+ developers in real-time troubleshooting.
- Designed & developed automated 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, Kotlin
- **Technologies/Frameworks:** React, Git, Django, Flask, Docker, Linux, Figma, Postman
- **Other:** Scrum, Agile methodologies, User Research, Wireframing & Prototyping, Public Speaking

EDUCATION

Bachelor of Computer Science(Honours), University of Waterloo

Sep 2020 – Apr 2025

Relevant Coursework: Algorithms, Operating Systems, Data Structures and Data Management, Object-Oriented Software Development, User Interfaces, Computer Organization & Design, Foundations of Sequential Programs, Elementary Algorithm Design and Data Abstraction, Entrepreneurial Strategy, Probability, Statistics, Calculus II

HONORS & AWARDS

President's Scholarship of Distinction, University of Waterloo

Awarded to students with an admission average of 95% or higher