

Jaspreet Singh Marwah

<https://zantorym.github.io>

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Aspiring software engineer based in Toronto, ON. I'm passionate about both Cloud DevOps and Software Development. I am driven, resourceful, affable, and work well in a team.

TECHNICAL SKILLS

Languages: Python, PowerShell, Java, C++, JavaScript

Cloud Platforms: AWS, Azure

Automation Tools: Terraform, Ansible, Kubernetes

Database Tools: MongoDB, MySQL

WebDev Tools: React, Express, Node, Redux, Bootstrap

Others: Azure DevOps, Git, Linux, Bash/Shell, Docker

EXPERIENCE

Healthcare of Ontario Pension Plan (HOOPP)

Toronto, ON

DevOps Co-op

May 2023 - Aug 2023

- Implemented and maintained build pipelines within Azure DevOps, ensuring smooth integration and continuous delivery of applications.
- Developed automation solutions using Python and PowerShell scripting, significantly reducing manual effort and improving productivity.
- Automated a tedious manual task, previously taking 30+ minutes, to a streamlined 2-minute process, resulting in significant time savings and increased efficiency.
- Worked on a POC project to auto-scale a self-hosted Azure DevOps agent pool through an AKS cluster, using kubectl, Docker, and build pipelines.
- Actively participated in agile activities, including daily stand-ups, sprint planning, backlog refinement, and retrospectives, to foster collaboration and facilitate iterative development.

MangoVisa

Mississauga, ON

Software Developer

Jun 2022 - May 2023

- Worked as a full-stack (MERN) developer at a lean social-impact startup.
- Worked in a team of two to completely rebuild the product's frontend and backend from the ground up.
- Reported directly to the CEO and provided feedback on UI/UX, which was applied to the next design iteration.
- Conducted technical interviews for 8 candidates and was responsible for onboarding 2 candidates.

AI Hub, Durham College

Oshawa, ON

Research Assistant

Mar 2022 - May 2022

- Worked on tagging data and trained an AI model for a product used to detect the health of an apple orchard.

Complex Systems Lab, IIIT Delhi

New Delhi, India

Research Intern

May 2019 - Dec 2019

- Collaborated with 11 researchers to build RecipeDB, a structured repository of 118k+ recipes and 20k+ ingredients from over 22 world regions that facilitates multi-level analysis of traditional recipes (dietary classifications, nutritional profiles, flavor profiles, health associations, etc.).
- Co-authored a research paper that was published in Oxford University Press' journal "Database".

EDUCATION

Seneca College

Ontario, Canada

Grad. Cert. in Cloud Architecture and Administration (High Honours); GPA 4.0/4.0

2022 - 2023

Durham College

Ontario, Canada

Grad. Cert. in Artificial Intelligence Analysis, Design and Implementation (Honours); GPA 4.82/5

2021 - 2022

IIIT, Delhi

New Delhi, India

Bachelor of Technology in Computer Science and Applied Mathematics; GPA 7.03/10

2017 - 2021