

Jaspreet Singh Marwah

<https://zantorym.github.io>

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Aspiring cloud 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 , JavaScript , HTML/CSS , C++

Cloud Tools: AWS , Azure

Automation Tools: Terraform , Ansible

Database Tools: MongoDB , MySQL

Others: Git , Heroku , Tableau , Arduino , Linux , Docker

EXPERIENCE

MangoVisa

Software Developer

Mississauga, ON

Jun 2022 - Present

- Working as a volunteer MERN stack developer at a lean social-impact startup.
- Have had direct communication with the CEO and provided feedback on UI/UX, which was taken into consideration and applied to the next design iteration.
- Conducted technical interviews for 7 candidates.

AI Hub, Durham College

Research Assistant

Oshawa, ON

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

Research Intern

New Delhi, India

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

Grad. Cert. in Cloud Architecture and Administration (Honor roll); CGPA 4.0/4.0

Ontario, Canada

2022 - Present

Durham College

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

Ontario, Canada

2021 - 2022

Indraprastha Institute of Information Technology, Delhi

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

New Delhi, India

2017 - 2021

PROJECTS

Two-Tier Web Application Architecture Automation with Terraform (GitHub)

Nov 22 - Dec 22

- Automated the deployment of an architecture on AWS using primarily Terraform.
- The architecture hosts a website and is capable of auto-scaling and load balancing. (**Terraform**)

POSITIONS OF RESPONSIBILITY & EXTRACURRICULAR ACTIVITIES

- Member, AWS Cloud Club, Seneca College (Dec 2021-Present): Preparing for the Skills Ontario competition.
- Speaker, Annual Symposium on Computational Gastronomy at IIIT Delhi (Dec 2019): Presented findings of the paper "RecipeDB: A Resource for Exploring Recipes".
- Volunteer (animal caretaker) at Sanjay Gandhi Animal Care Centre, Delhi (Jun 2018 - Jul 2018): Helped in the daily caretaking of animals such as dogs, birds, monkeys and peacocks.