






MANDY MEINDERSMA


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currently Canada, want to relocate 



EXPERIENCE

Senior Software Engineer | Dotdash Meredith

August 2023 to Present – Digital Publishing Company – New York, NY

Processed data from various API's (Instagram, Meredith, etc.) to deliver to 200M users/month.

Trained 40+ developers by writing onboarding documentation, code along exercises and quizzes.

Designed + coded complex features in **Java** and **Spring** to be used by 27+ downstream teams.

Facilitated agile meetings with great collaboration + communication between 15 team members.

Senior Data Engineer | DrugBank

June 2022 to December 2022 – Medical Drug Database – Edmonton

Led the Data Engineering efforts of a 9-person team that parsed over 60,000 clinical trials.

Resurrected a 14 year old **Ruby on Rails** repo, improving code coverage by 15% with unit tests.

Made critical technical decisions to optimize performance and scalability of **Python ETL pipelines**.

Provided prompt and detailed information to customer support, resolving daily issues efficiently.

Backend Developer 2 | Dotdash Meredith

October 2019 to June 2022 – Digital Publishing Company – Edmonton

Built microservices + **RESTful APIs** hosted on **AWS** for 6M pages with [high performance](#).

Utilized **Elasticsearch** to monitor data migrations + logs on over 40 sites to create high durability.

Created performance-first features using multiple forms of caching (ex: **Redis** and Ehcache).



EDUCATION

Bachelor of Science, Specialization in Computing Science | University of Alberta

Graduated: May 2019 - Courses: web development (**JavaScript**, **HTTP**, **TCP**, **SSL**), Data structures, **Java**, software lifecycle (SDLC), TDD, **Git**, algorithms, **Python**, robotics + **ROS**, machine learning.



VOLUNTEER

Hardware Track Speaker Reviewer | Grace Hopper Celebration

April 2023 to May 2023 – Largest conference of women in tech, roughly 25,000 attendees

Reviewed 100+ speakers from around the world in a very tight timeline to create the schedule.

Career and Technical Mentor | AI4Good

May to September 2021 – Program to get more minorities interested in Artificial Intelligence

Mentored a team of 4 women completing hackathon, bootcamp and final project demo.

Conducted practice interviews for the team and provided constructive feedback.



PROJECTS

Nonogram Solver - Aug 2023 - **Java** - Created an Object-Oriented solution to solving a game.

Dev Types Workshop - Feb 2023 - **React**, **SQL**, **AWS** - Made bugs for students to find + solve.

Hackathon Mentor - 2021 – **Python**, **JavaScript** – Mentored at Hack the North and Technica.

Dev Edmonton Website - Since 2021 - **Nuxt**, **Vue**, **Tailwind** - Managed open-source repo.

Codevid - June 2020 - **CSS**, **HTML**, **Ruby** - Lead global hackathon where site had 10K+ hits/day.

Meeting buddy - February 2020 - **Arduino**, **C++** - Made IoT button to indicate room status.