Abdulkadar Zaveri

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EDUCATION

University of Alberta   Edmonton, Canada
Bachelor of Science in Computer Science Honors   *Sept. 2022 – May 2026*

EXPERIENCE

Software Developer   January 2024
The Metabolomics Innovation Centre
- Worked with two other podmates to optimize and develop an app for the Edmonton Ranchers named Armchair Ramchair.
- Explored both frontend and backend perspectives of the project using Ruby on Rails, HTML, JavaScript and Python.

Developed 2.0   September 2023
Dev Edmonton Society
- Secured 2nd place in the hackathon's Tinkerer category
- Conceived and implemented an innovative web-based scheduling application using Python, HTML, and Flask.
- Integrated user feedback to enhance the application's usability and functionality.
- Implemented automated testing procedures to ensure the reliability and stability of the scheduling application.

Hacked Beta   January 2023
University of Alberta Computer Engineering Dept.
- Led the development of a project tailored for International Students, offering a comprehensive course catalog using HTML and CSS.
- Engaged with end-users to gather feedback and iteratively improve the user interface and experience.
- Implemented responsive design principles to ensure accessibility across various devices and screen sizes.

UofA Programming Contest   October 2022
UofA Problem Solving and Programming Club
- Developed efficient and optimized solutions using Python programming languages, demonstrating strong problem-solving and analytical skills.
- Collaborated with 2 other team members to implement creative and effective algorithms for complex problem-solving scenarios.

PROJECTS

Rizzume | *HTML, CSS, JS, Flask, Python*   Jan 6 2024 – Jan 7 2024
- Designed a user friendly google extension to support on the spot resume and cover letter tailoring using current job description.
- Utilized the OpenAI API key to craft an advanced mock interview platform

Taskify | *Python, Django, CSS, HTML*   May 2023 – Aug 2023
- Created personalized to-do lists with task descriptions and due dates.
- Ensured flexibility and convenience by enabling access to Taskify on any device with a responsive design.

Scheduler | *Python, Flask, HTML, CSS, JS*   Sept 7 2023 - Sept 8 2023
- Developed a dynamic and responsive schedule-maker web application.
- Used Python for scripting and back-end algorithm, Flask to connect back-end with the front-end, and HTML/CSS/JS for front-end webpages.
- Hosted the website on Zeet and Google Cloud Platform.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (MYSQL), HTML/CSS, R, Ruby, Javascript
Frameworks: Django, Bootstrap, Flask, Ruby on Rails
Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm
Libraries: Torch, NumPy, Matplotlib
Relevant Courses: CMPUT 175 - Introduction to Data Structures and Algorithms, Calculus(I,II,III)
Certification: Intro to Kivy, Intro to OpenCv, Hackerrank Intermediate Python
Additional Skills: Data Analysis, UX