

Hassan Chowdhry

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leetcode.com/HassanChowdhry | HassanChowdhryPortfolio.web.app

EDUCATION

Dalhousie University

Halifax, NS

Bachelor of Computer Science–CO-OP (BCS)

Sep 2022 – May 2026

- **GPA:** 4.24/4.3
- **Related Coursework:** Systems Programming, Data Structures & Algorithms, Software Development, Database Systems, Web Development, Theory of Computer Science, Data Science, Robotics

EXPERIENCE

Teaching Assistant

Sep 2023 – Jan 2024

Dalhousie University | JavaScript, HTML/CSS, Figma

Halifax, NS

- Boosted student performance by 25% by implementing personalized tutoring strategies.
- Elevated code quality to industry standards by providing constructive feedback on 100+ assignments.
- Assisted in weekly labs for 50+ students, enhancing their practical understanding of front-end concepts.
- Proctored course final exam for 150+ students, ensuring compliance with academic policies.

Full Stack Developer

May 2023 – Dec 2023

Upwork Freelancer | React, AngularJS, Python, Django, Cypress, Docker, AWS, PostgreSQL

Halifax, NS

- Migrated and rewrote a web app, enhancing UI/UX and code quality, resulting in a 20% performance boost.
- Improved test coverage by introducing API and UI end-to-end tests, achieving a 20% reduction in reported issues.
- Optimized RESTful and WebSocket services, increasing unit test coverage from 50% to 90%.
- Ensured all automated tests were maintainable and scalable over time, contributing to long-term project success.
- Received positive feedback from end-users, indicating a 25% increase in overall satisfaction.

PROJECTS

Portfolio | React, Vite, Three.js, JavaScript, TailwindCSS, AWS, Figma

Mar 2024 – Present

- Engineered an interactive website showcasing technical skills, successful projects, and professional experience, leading to heightened user engagement, increased inquiries, and networking opportunities.

Leetcode Stats Bot | Python, Discord.py, Pandas

Feb 2024 – Mar 2024

- Engineered a custom Discord bot designed to analyze Leetcode statistics and performance metrics for the competitive programming community.

Hikma AI | React, TypeScript, TailwindCSS, MaterialUI, Firebase, Figma

Jun 2023 – Jul 2023

- Led the development of an Artificial Intelligence (AI) discovery tool, resulting in a 15% increase in community-generated ideas and fostering a culture of innovation within the community.

Google Links | React, JavaScript, Firebase, Postman, Figma, HTML/CSS

Feb 2022 – Jul 2022

- Developed an open-source web app optimizing research productivity by scraping and organizing Google search data into custom Excel sheets, boosting data collection efficiency by 30%.

Photo Gallery | React, JavaScript, Node.js, Express.js, SQL, MySQL, AWS

Apr 2022 – Present

- Designed and developed a photography-centric full stack application with a user and database photo gallery, elevating engagement through the integration of profile photos.

TECHNICAL SKILLS

Languages: Python, Java, C/C++, JavaScript, TypeScript, SQL, HTML/CSS

Frameworks: React, Node.js, Express.js, Django, Vite, AngularJS, SCSS/SASS, Cypress, JUnit, Jest

Libraries: Three.js, Pandas, NumPy, Matplotlib, SciPy, Discord API, MaterialUI, TailwindCSS, JQuery

DevOps/Cloud: Docker, Amazon Web Services (AWS), Firebase

Developer Tools: Git, GitHub, GitLab, Postman, Figma, MySQL, PostgreSQL, MongoDB

Microsoft: Excel, PowerPoint, Teams