

# Hassan Chowdhry

902-448-7101 | [hassan.chowdhry@dal.ca](mailto:hassan.chowdhry@dal.ca) | [linkedin.com/in/hassanchowdhry](https://www.linkedin.com/in/hassanchowdhry) | [github.com/HassanChowdhry](https://github.com/HassanChowdhry)  
[leetcode.com/HassanChowdhry](https://leetcode.com/HassanChowdhry) | [HassanChowdhryPortfolio.web.app](https://HassanChowdhryPortfolio.web.app)

## EDUCATION

### Dalhousie University

Bachelor of Computer Science–CO-OP (BCS)

Halifax, NS

Sep 2022 – May 2026

- **CGPA:** 4.25/4.3
- **Related Coursework:** Systems Programming, Data Structures & Algorithms, Software Development, Database Systems, Web Development, Theory of Computer Science, Data Science, Robotics

## EXPERIENCE

### Teaching Assistant

Dalhousie University | JavaScript, HTML/CSS, Figma

Sep 2023 – Jan 2024

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

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

May 2023 – Dec 2023

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, Firebase

Mar 2024 – Apr 2024

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

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

Jan 2024 – 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.

### Leetcode Stats Bot | Python, Discord API, Pandas

Feb 2024 – Mar 2024

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

## TECHNICAL SKILLS

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

**Frameworks:** React, Node.js, Express.js, Django, Vite, AngularJS, 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

**Microsoft:** Excel, PowerPoint, Teams