

# Ansh Gandhi

[anshgandhi6sep@gmail.com](mailto:anshgandhi6sep@gmail.com) | [linkedin.com/in/ansh-gandhi17/](https://linkedin.com/in/ansh-gandhi17/) | [github.com/anshgandhi17](https://github.com/anshgandhi17) | +1-236-869-6917

## TECHNICAL SKILLS

---

**Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS

**Developer Tools:** Git, Docker, VS Code, IntelliJ

**Testing:** Playwright, Cypress, Selenium, Postman, JMeter

## RELEVANT WORK EXPERIENCE

---

### Testing Automation Co-op

Jan 2025 – Present

*ICBC*

*Vancouver, BC*

- Conducted end-to-end testing with Selenium of user workflows to be used by 200K+ users, ensuring reliability.
- Performed load and performance testing with JMeter to identify bottlenecks.
- Tested IBM MQ API using Postman to ensure data integrity and proper transmission across systems.

### Junior Software Developer

Sep 2022 – Apr 2023

*Greenspace Mental Health*

*Vancouver, BC*

- Increased team's automated test coverage by 25% by introducing new tests with Playwright Test.
- Leveraged Python and debugging skills to resolve ordering issues across multiple app components, ensuring records were displayed consistently across different frontend views.
- Ensured data consistency by validating PostgreSQL database records against Google Looker dashboard analytics.

## TECHNICAL PROJECTS

---

### Intelligent Tutoring System (Deployed) | *MERN Stack*

Jun 2024 - Aug 2024

- Developed an intelligent tutoring system enabling dynamic question generation via Gemini API.
- Implemented Mongoose ODM for schema-based modeling and data validation in MongoDB.
- Optimized state management with Redux, improving responsiveness and data flow across components.
- Conducted thorough end-to-end testing using Postman and Cypress to ensure reliability.
- Implemented a CI/CD pipeline with GitHub Actions for automated deployment, improving efficiency.

### Soccer Match System | *Oracle SQL, HTML, CSS*

Sep 2021 - Dec 2021

- Developed a database management system to store and query stats for a soccer match.
- Translated the ER diagram into a relational schema to efficiently design the system.
- Applied knowledge of 3NF to eliminate data redundancy from the relational schema.

## EDUCATION

---

### University of British Columbia

Sep 2019 – Nov 2025 (expected)

*Bachelor of Science (Computer Science)*

*Vancouver, BC*

## LEADERSHIP

---

### Senior Tutor

Sep 2021 – Present

*AMS Tutoring, UBC*

*Vancouver, BC*

- Led and mentored groups of students in tutoring sessions, fostering collaborative problem-solving and enhancing academic performance in first-year Computer Science and Mathematics courses.