

# Ansh Gandhi

**Emerging Software Developer with 8 Months of Professional Experience: Committed to Quality and Innovation in Diverse Tech Environments**

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## TECHNICAL SKILLS

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

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

**Testing:** Playwright, Cypress, POSTMAN

## RELEVANT WORK EXPERIENCE

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### 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
- Developed production-level features, effectively enhancing user experience, meticulously tailored to meet customer demands while adhering to project timelines and quality standards
- Implemented new features in a Django based web-app and demoed the same during sprint review to other teams on the company

### Front-end Developer

Sep 2021 – Dec 2021

*Faculty of Applied Science, UBC*

*Vancouver, BC*

- Increased site reliability by performing QA locally on a XAMPP server before deployment
- Optimized team's output by assigning tasks with JIRA and asynchronously collaborated with GitHub
- Collaborated with coworkers to solve complex bugs together to deliver on time.

## TECHNICAL PROJECTS

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

- Developed an intelligent tutoring system generating questions via Gemini API to enhance user learning
- Implemented Mongoose ODM for schema-based modeling and data validation in MongoDB
- Utilized Redux for efficient state management and information sharing across the application
- 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*

- 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

### Body Wellness Club | *Java, Swing Library*

- Wrote the backend with Java; made efficient use of abstract classes, object-oriented design
- Efficiently used design principles and inheritance rules to avoid redundancy in code
- Validated correctness of methods with JUnit, implemented data persistence with JSON

## EDUCATION

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**University of British Columbia**

*Bachelor of Science (Computer Science)*

Sep 2019 – August 2025 (expected)

*Vancouver, BC*