

SHIVANI AGGARWAL

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SKILLS

Design & Research:
User Interviews
Persona Development
Prototyping
Usability Testing

Tools:
Figma
Sketch
Qualtrics
Jira

EDUCATION

MSC. HUMAN COMPUTER INTERACTION
2024-2026
Utrecht University
Utrecht, Netherlands

Relevant Courses:
Adaptive Systems
Multimodal Interaction
Research Methods

BASC. SYSTEMS DESIGN ENGINEERING

2017-2022
University of Waterloo
Waterloo, Canada

Relevant Courses:
Cognitive Ergonomics
Interface Design
Human Factors in Design

Awards:
Dean's Honour List
President's Scholarship

WORK EXPERIENCE

SOFTWARE DEVELOPER

MAY 2022 - AUG 2024

Compass Digital | Mississauga, Canada

- Designed and implemented web app features to allow users to seamlessly apply promos and checkout items (AWS EventBridge, Typescript, Postgres).
- Applied test-driven development principles and created unit and integration tests to ensure feature quality and reliability (Chai, Mocha, Jest).

UI DEVELOPER INTERN

SEP 2020 - DEC 2020

Zighra Inc. | Toronto Canada

- Designed and developed new features on the web platform including signup, profile and event creation, and video chat (React, JavaScript, HTML/CSS).
- Effectively communicated with team members in an Agile environment to ensure smooth client onboarding and high quality deployments.

SOFTWARE DEVELOPER INTERN

JAN 2020 - APR 2020

Thomson Reuters | Toronto, Canada

- Collaborated in an Agile team to implement new features on the Legal Tracker product, used by 60,000 law firms (JavaScript, HTML/CSS, MySQL, C#, .NET).
- Fixed bugs and developed unit tests to verify product functionality.

FULL STACK DEVELOPER INTERN

MAY 2019 - AUG 2019

Sprout Wellness Solutions | Toronto, Canada

- Shipped features including event creation, report filtering, and activity tracking to 1+ million users (JavaScript, AngularJS, PHP, MySQL).
- Developed RESTful APIs and worked with AWS to create back-end processes.

PROJECTS

OPTIMIZING THE CLEANER WORKFLOW

FEB 2025 - APR 2025

Ad-hoc Task Management (Mobile Application) | Utrecht, Netherlands

- Conducted user research and stakeholder interviews in a team of 4 to identify inefficiencies in ad-hoc task management for cleaning staff.
- Translated research insights into clear design requirements, enabling development of a user-friendly prototype for low-tech users (Figma).

HEALTHRA

SEP 2021 - APR 2022

Health Information System (Web Application) | Waterloo, Canada

- Collaborated in a team of 5 to design a patient-facing health information system for easy access to medical records.
- Applied human factors principles to design and iterate a feature for interacting with personal health data, such as lab results and history (Figma).