

SHIVANI AGGARWAL

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SKILLS

Design:

User Research
Personas
Sketching
Wireframing
Prototyping
Usability Testing

Programming:

HTML/CSS
JavaScript
React
AngularJS
Node.js
PHP
MySQL

Tools:

Figma
Adobe Photoshop
Jira
Github

EDUCATION

BASC. SYSTEMS DESIGN ENGINEERING

2017-2022

University of Waterloo
Waterloo, ON

Relevant Courses:

Cognitive Ergonomics
Interface Design
Human Factors in Design

Awards:

Dean's Honour List
President's Scholarship

WORK EXPERIENCE

UI DEVELOPER

Zighra Inc. | Sep 2020 - Dec 2020

- 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

Thomson Reuters | Jan 2020 - Apr 2020

- 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 increase code coverage and verify product functionality.

FULL STACK DEVELOPER

Sprout Wellness Solutions | May 2019 - Aug 2019

- 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 (PHP, CodeIgnitor, MySQL, SQS, ElasticSearch).

SOFTWARE DEVELOPER

iVenuto | Sep 2018 - Dec 2018

- Led integration with the Slack API and designed an interactive dashboard to display user details (HTML/CSS, JavaScript, Node.js, MongoDB).
- Deployed features on Amazon EC2 instances, managed production servers, and refactored code to improve performance by 30%.

PROJECTS

HEALTHRA - CASPTONE PROJECT

Health Information System (Web Application)

- Collaborated in a team of 5 along with the Hills of Headwaters Collaborative Ontario Health Team to develop a health information system for patients.
- Conducted a needs assessment by creating personas, user journey maps, a situation of concern chart, and a QFD.
- Applied human factors principles to create sketches of the health records feature, which allows users to effectively access their health data.
- Leveraged Figma to prototype design iterations of the health records feature and create user interactions.