Harsh **Sharma**

SOFTWARE DEVELOPER

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Technical Projects

Voice Controller | Demo | Code
HTML, CSS, JAVASCRIPT, NODE JS AND REACT JS
- Built a chrome extension which allows the user to control their web browser with their voice

Clima | Demo | Code
SWIFT, XCODE
- Built an iOS app which uses OpenWeatherMap's Api to allow the user to check the weather anywhere in the world

Pathfinding Visualizer | Demo | Code
HTML, CSS, JAVASCRIPT
- Built a vanilla JS application which allows the user to visualize both Dijkstra's algorithm and A* Search Pattern

Work Experience

AASEE (Advancement of Science and Engineering Education) — *Calgary, Canada*
FULLSTACK DEVELOPER — *Jan 2020 - Present*
- Led a team of 4 developers while managing all facets of web design for desktop and mobile. This includes conceptual design, development, execution, implementation and testing
- Developed 5 website from and user interfaces from **PSD/AI** graphic mock-ups and compositions using HTML, CSS, jQuery, and JavaScript

Global Competitive Programming Association — *Calgary, Canada*
FOUNDER AND PRESIDENT — *Nov 2019 - Present*
- Created a massive network of competitive programmers across Alberta by joining **4 different universities** under one banner to create an organization with more than **500 members**
- Contributed to teams made up of web designers, programmers, and electrical and mechanical engineers
- Organized 3 number of hackathons with an average prize/scholarship pool $2500 and had an average attendance of 150 members
- Hosted weekly programming sessions where we would go through coding problems and then walk through solutions

Solocoin | Demo — *Calgary, Canada*
IOS DEVELOPER — *Feb 2020 – Apr 2020*
- Worked heavily with product and design in an agile environment to create an innovative social distancing app
- Developed and implemented application designs based on the Model View Controller Design pattern

Mindfuel Robotics — *Calgary, Canada*
PROJECT MANAGER — *Oct 2018 – Apr 2019*
- Designed and code application components in an Agile environment utilizing a test-driven development approach
- Work as part of a team to see projects through from planning to completion for various enterprise clients using the Agile development process

Hackathons and Awards

2020	**1st place overall**, EUvsVirus Hackathon		*Calgary, AB*
2020	**1st place overall**, Hack:Now Hackathon		*Calgary, AB*
2020	**1st place overall**, Hackerarths Hackathon		*Calgary, AB*
2020	**1st place overall**, KPMG Ideation Challenge Nationals		*Calgary, AB*

Skills

Languages Java, Python, JavaScript, jQuery, SQL, HTML, CSS, Swift, bash, MongoDB, LaTEx
Frameworks X-Code, React, Node, GatsbyJS, Git, Github

Education

University of Calgary — *Calgary, Canada*
B.S. IN SOFTWARE ENGINEERING — *Graduation Date: Apr 2024*