

Kameshwara Sekar

Calgary, Alberta

(825) 365 9585 | kameshwara.sekar1@ucalgary.ca | <https://kameshwarasekar.github.io/>

Profile

Aspiring Software Engineer with experience in Computer programming and Web development. Currently doing 3rd year in the Software Engineering degree program at the University of Calgary. An innovative and hardworking student actively looking for opportunities to express talents. Possess good communication and planning skills with strong judgment and critical thinking abilities. Looking forward to opportunities to gain valuable industry experience and course knowledge.

Skills

Operating systems: Windows, Mac OS, and Linux.

Web Development: HTML5, CSS, Gatsby, WordPress, and Responsive Web Design principles.

Software Development: Java, C, C++, Python, SQL, and Processing.

Developer tools: Eclipse & IntelliJ IDE, Jira, Visual Studio, Git, and GitHub.

Education

Bachelor of Science (Applied)

Software Engineering, Schulich School of Engineering, University of Calgary

September 2018 – present

- Overall GPA- **3.53 /4.00** and Cumulative GPA (Winter 2020) – **3.94 /4.00**
- First-year scholar
- Dean's list 2019/2020

Relevant courses (taken or enrolled): Data structures and algorithms, Principles of Software Design, Embedded System interfacing, Principles of Operating systems, Data Base Management System, Software Architecture, and Software Testing, Reliability, and Quality.

Work experience

Student Developer – Code the Change YYC

February 2020 - present

Calgary, Alberta, Canada

Project: Alberta Mental Health Advocacy Coalition (AMHAC) Web Development Project

- Collaborated with a group of designers and drafted several logo designs for the clients until they were satisfied with a logo for their organization.
- Customized and built the “About Us” webpage of the website in following the logo design.
- Consulted with mentors from the industry regarding the best tools and strategies to use to produce better website design.
- Interacted frequently with the client and the mentors in the club to provide scheduled updates and receive feedback for completed segments and implemented those feedback within the next meeting.
- **Skills developed:** HTML, CSS, Git, GitHub, Jira, WordPress, and Gatsby.

Junior Executive – Developer Student Club U of C

August 2020 – present

Calgary, Alberta, Canada

- Participate in the club event and contributing to the club by completing different tasks.
- Motivate students from different majors with or without programming knowledge to attend the coding events and tutorials held by the club.
- Take care of the club's responsibilities like creating and managing a website, creating and managing social media sites, and provide new promotion techniques to promote the club among the students.

- Researched about two discrete topics every day and wrote articles for clients across multiple sectors including but not limited to education, healthcare, technology, and small-scale businesses.
- Proofread the content of other writers and provided feedback if necessary. Also used plagiarism checker to avoid any copied content from the internet.
- Wrote at least 2 sales and promotion materials every week to help clients promote their products and supplies.
- Certificate: <https://drive.google.com/file/d/1wH1KEzTzEds9Nzww-BDd8EQBH9fF2a1/view?pli=1>

Volunteering Experience

Ask an upper-year Volunteer – Engineering student society, University of Calgary

August 2020-present

Calgary, Alberta, Canada

- Representing the Schulich School of Engineering as an upper-year student to assist the incoming first-year students with their problems and help them overcome their difficulties.
- Sharing my experience and providing valuable advice for first-year students.

Program assistant

April 2018- June 2018

Chennai, Tamil Nadu, India

- Developed a compact disk library program using **C++** with a team of three to help a small organization in school to easily manage a CD library system.
- <https://github.com/kameshwarasekar/CDlibrary>
- **Skills developed: C, C++, SQL**

Certification

1. Responsive Web Design Certification – Free code camp

- **Learning components: HTML and HTML5, CSS, Applied Visual Design, Applied Accessibility, and Responsive Web Design Principles.**
- **Certificate:** <https://www.freecodecamp.org/certification/kameshwara/responsive-web-design>

2. Scientific computing with **Python** certification – Free Code Camp

3. Cloud computing 101 – **AWS Educate Cloud computing** pathway

4. Cloud Literacy (Inventor) - **AWS Educate Cloud computing** pathway

5. AWS Deep Lens Badge and AWS Deep Racer Badge - **AWS Educate Cloud computing** pathway
