

Shamim Shihab

Victoria, BC, Canada | (250) 863-7378 | shamimshihab56@gmail.com | [Linkedin](#) | [Github](#)

TECHNICAL SKILLS

Languages: JavaScript, Python, Typescript, SQL, HTML, CSS

Frameworks & Libraries: React, Redux, React Native, Node.js, Bootstrap, Socket.io, Firebase, Video.js, Material-UI

Developer Tools: Git, Rest API, AWS, MongoDB, MySQL, Jest, Jira

Cloud: AWS Cloud Practitioner Certified (2023), EC2, S3, EFS, Lambda, RDS, CloudWatch, CloudFront

EXPERIENCE

Front End Developer

Jan 2023- Present

Shinobi Systems

BC, Canada

- Design and develop a cutting-edge network video recorder web application by leveraging Shinobi's Rest API, establishing a centralized hub for seamless video surveillance and management
- Develop a reusable, component-based user interface, ensuring exceptional performance across various platforms and have cross browser compatibility while optimizing speed and scalability
- Implement a real-time alert system and customizable event scheduling, collaborating closely with the backend team to ensure secure integrations that met usability and performance benchmarks
- Enhance user engagement by implementing advanced video management features encompassing selection, search, and sorting functionalities and transform the web application into a desktop version for alpha testing for clients
- Operate within an agile environment, plan sprints, and adhere to Scrum guidelines for the development process
- Assist clients in resolving technical issues, evaluating their feedback, and iterative refining the development processes to meet client's evolving demands
- **Technologies Used:** React, Redux, JavaScript, Typescript, HTML, CSS, Material-UI, Rest API, Video.js, Git, Electron, Socket.io

Mobile App Developer

May 2022 – Oct 2022

Inspire: STEM for Social Impact(Co-op)

BC, Canada

- Developed and designed a cross-platform mobile app with an accessibility-focused UI for Victoria Brain injury society to ensure that adults with brain injury find support without barriers
- Produced high-quality mock-ups and prototypes for user feedback, integrating user feedback into a user-centric design and documenting appropriate processes for using the application
- Conducted testing, ensured optimal app performance and responsiveness and participated in code reviews to maintain high-quality products. Presented project achievements and details at the Inspire conference, resulting in securing additional funding for the project's extension
- Led and coordinated multidisciplinary team members and organized discussions within the team to design, strategize and implement the product
- **Technologies Used:** JavaScript, React Native, Firebase, Git, Jira

Research Assistant

Sep 2020– Dec 2022

University of Victoria

BC, Canada

- Researched on securing IoT authentication protocol and found security vulnerabilities in existing schemes. Proposed a secure and efficient authentication protocol for practical implementation

Teaching Assistant

Sep 2020– Dec 2022

University of Victoria

BC, Canada

- Assisted students with course material, marked exam script, helping the instructor

Junior Web Developer

Jan 2020 – August 2020

Niaz and Associates Limited

Bangladesh

- Contributed to enhancing the user experience through designing and structuring web pages, ensuring a seamless and user-friendly interface using Javascript, HTML/CSS, and Bootstrap. Sourced and organized information to create engaging and informative website content

EDUCATION

University of Victoria

BC, Canada

Master's in Electrical and Computer Engineering (GPA: 8.6/9.00) (Graduate Student Award)

Sep 2020–Dec 2022

American International University- Bangladesh

Dhaka, Bangladesh

Bachelor's in Electrical and Electronics Engineering (GPA: 3.86/4.00) (Academic Scholarship)

2019