

# Shamim Shihab

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## TECHNICAL SKILLS

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

**Frameworks & Libraries:** React, Redux, React Native, Node.js, Express.js, Micro Frontend, Electron, Material-UI, Bootstrap, Tailwind, WebSocket, Socket.io, Video.js

**Database & Other:** MongoDB, MySQL, Git, Github, Rest APIs, AWS, Jest, Postman, Jira

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

## EXPERIENCE

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### Software 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
- Implemented a real-time information dashboard and alert system. Provided users with the capability to create and customize alert schedules, choosing preferred notification methods and defining tailored actions. Significantly improved the efficiency and responsiveness of the overall alert system to meet individual preferences.
- Revitalized user engagement by transforming recorded video searching. Enabled seamless listing, watching, archiving, deleting, and downloading of single or multiple videos based on specified time frames, enhancing overall user experience and transform the web application into a desktop version for alpha testing for clients
- Empowered users to effortlessly navigate individual monitors at specified times using an intuitive mouse slider. Delivered results in a visually captivating format, showcasing recorded videos, alert notifications, and associated snapshots for a seamless monitoring experience.
- Develop a reusable, component-based user interface, ensuring exceptional performance across various platforms and have cross browser compatibility while optimizing speed and scalability. Assist clients in resolving technical issues, evaluating their feedback, and iterative refining the development processes to meet client's evolving demands
- Collaborating closely with the backend team to ensure secure integrations that met usability and performance benchmarks. Operate within an agile environment, plan sprints, and adhere to Scrum guidelines for the development process
- **Technologies Used:** JavaScript, Typescript, React, Redux, Context Api, HTML, CSS, Material-UI, Electron, WebSocket, Socket.io, Rest API, Video.js, Git

### 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-fidelity mock-ups and prototypes, facilitating user feedback integration into a user-centric design. Extensively documented research findings, providing essential insights for refining and optimizing app development workflows.
- 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, Redux, Firebase, Git, Jira

### 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

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### 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*