# SHREY PATEL

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## EDUCATION

**UNIVERSITY OF VICTORIA** Victoria, BC
Bachelor of Science Expected Dec 2021
Major in Computer Science
Relevant Coursework: Algorithms & Data Structures; Web & Mobile App Development; Computer Architecture; Computer Communications and Networks; Quantum Algorithms; Data Mining; HCI; Software Testing.

## WORK EXPERIENCE

**REDBRICK - SHIFT** Victoria, BC
Full-Stack Software Developer Intern May 2020 – Dec 2020
- Responsible for implementing new features, components and resolving production issues in Shift.
- Implemented **Browser Tabs Hibernation Manager** for **power efficiency** of machine, **Password Manager** to store user's passwords securely with **End-to-End Encryption**. Helped the team in changing the overall **UI/UX** of Shift.
- Worked with → ReactJS, TypeScript, AWS

**SCHNEIDER ELECTRIC** Victoria, BC
Software Developer Intern Jan 2019 – Aug 2019
- Development and maintenance of web and desktop apps with services across a spectrum of server and client technologies.
- **Improved CI/CD** pipelines and virtual machine infrastructure to **speedup testing and debugging by 30%**.
- Worked with → HTML, CSS, JavaScript, C#, C++, .NET, MySQL, XAML

**SUPERIOR TRAY SYSTEMS** Vancouver, BC
Full-Stack Software Developer Intern Sept 2018 – Dec 2018
- Developed a web portal through which clients can get a quotation to build electrical systems, **it saved about 80%** of the electrical engineer's time when compared to the time they used to spend on making the quotations manually.
- Quotation includes analyzing the best possible electric system configuration, thereafter calculation of material required and finally calculating the final cost of making cable tray, cable bus, high bus.
- Worked with → HTML, CSS, JavaScript, jQuery, ExpressJS, Firebase, C++, VBA, Google Cloud.

## PROJECTS & LEADERSHIP

**RYDEN - A RIDE-SHARING MOBILE APP** July 2020 – Present
Co-Founder & Lead Full-Stack Developer
- Designed and implemented a carpool application in a 3-person team. This app can smartly search a ride for desired locations using **spatial database and google maps API**.
- Implemented a **CI/CD pipeline** to run CI with required tests when a PR is opened and auto deploy app on every monday.
- Worked with → React Native, Typescript, NestJS, TypeORM, PostGIS, Heroku, Figma, AWS

**CLOUD STORAGE** March 2020 - May 2020
Software Developer
- Made a storage server at home by assembling components required for **high availability and good performance**.
- Developed a client app to access files stored on the server that works on platforms. Also, implemented server side code to manage **user's data with privacy**.
- Worked with → ReactJS, Electron, Ionic, TypeScript, ExpressJS, Firebase Functions, Linux Shell Scripts

## SKILLS & CERTIFICATES

**Highly skilled in:** ReactJS, JavaScript, NestJS, ExpressJS, PostgreSQL, Java, Git
**Proficient in:** C++, Python, C#, GO, Firebase, AWS, Google Cloud
**Certificates:** Complete React Developer (Udemy), NestJS Zero to Hero (Udemy), Go: The Complete Developer (Udemy)