

SHREYAS DEVALAPURKAR

Victoria, BC

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EDUCATION

Sep/14 – Aug/19

UNIVERSITY OF VICTORIA

4.0 / 4.0 GPA

Bachelor of Software Engineering

IEEE Victoria Section Gold Medal for Software Engineering

EXPERIENCE

Nov/20 – Present

QUARTECH, Full Stack Developer

- Full stack web development with React, Node, Ionic, Postgres, AWS S3 and Openshift
- Worked closely with the product owner and stakeholders to build core functionality for the InvasivesBC application to track and monitor invasive plant and animal species within BC
- Core member of the BiohubBC team building a responsive web app with REST-based API endpoints to serve as a centralized store of biodiversity data within BC
- Developed map components for use within BiohubBC using leaflet and PostGIS to allow users to draw, upload, or select boundaries from an existing set of Open Maps layers
- Improved unit test coverage for the BiohubBC application from 20% to 76% and continuously working on maintaining and boosting coverage

[InvasivesBC](#)

[BiohubBC](#)

Sep/19 – Nov/20

NTT DATA SERVICES, Software Development Analyst

- Full stack web development with React, Storybook, Jest, Java, Spring Boot
- Led frontend development on the eFiling Hub Application for integration with the Court Services Branch and Family Law Act Application
- Built the React and Vue open-source component libraries for building BCGov themed user interfaces, currently being used by teams across BCGov
- Core member of the development team for the BC Electronic Criminal Record Check application. Helped onboard multiple organizations currently using it
- Built a queue management system and RESTful APIs to provide a client lookup, notify, and pull service for BC Victim Services to access offender data
- Developer on the Lobbyists Registration Act application, built features as requested by the client using Java Spring Boot
- Presented lunch and learn sessions on Storybook and GraphQL, introduced the topics to teams and encouraged them to integrate them into projects

[eFiling Hub](#)

[React shared components](#)

[Vue shared components](#)

[eCRC](#)

May/18 – Dec/18

CHANGE.ORG, Software Engineer Intern

- Full stack web development with React, Redux, Node
- Worked on a team responsible for improving the quality of petitions started on the site
- Implemented an entry page for the start-a-petition flow of the site to provide information and increase awareness about petitions to potential petition starters
- Fixed image uploader bugs that affected petition starters, improved petition image upload success rates by over 55%
- Built an import-export tool to handle configuration drift within dev environments

Jan/18 – Apr/18

REDBRICK, Full Stack Developer Co-op

- Full stack web development with Python, Flask, JavaScript, Node
- Added features to a keyword optimizer web app to improve the management of advertising campaigns and keywords
- Added functionality to support the injection of templates into the Jira Template Injector

[Jira Template Injector](#)

May/17 – Aug/17

ONLINE BUSINESS SYSTEMS, Junior Software Developer Co-op

- Cross platform mobile app development with React Native, Redux, Node, Azure, MS SQL
- Built a proof-of-concept mobile app to enable employees to easily report their weekly project status

PROJECTS

[GitHub Repo](#)

MAPNIMITY

- Web app to help friends find an optimal location to grab a bite to eat
- Full stack development with React, Node, GCP, Google Maps and Places APIs
- Lead developer on the application, built functionality to display a map interface, allow users to enter their locations, and find optimal restaurant locations based on filters such as distance and restaurant ratings
- Deployed into Google Cloud using GCP and a reverse proxy with Nginx
- Designed, developed and deployed in less than 24 hours for MLH Who Done It Hacks

[GitHub Repo](#)

ISLAND HEALTH VOLUNTEERING

- Android mobile app to help local volunteers at Island Health
- Designed in less than 24 hours
- Winner of Code Hack 2020
- Development work was conducted after the hackathon to build out the designed core functionality, but was further discontinued due to lack of support from Island Health because of Covid-19

[GitHub Repo](#)

SCHEDULEARN

- Web app for students and tutors to easily schedule and keep track of their lessons
- Responsibilities included planning sprints, prioritizing goals, taking part in designing sessions, and developing features (focused on frontend functionality)
- Began as a hackathon project with a team, leading to myself and another core member continuing to implement it in our free time. Being a tutor myself, this project was close to heart and the core functionality was fully implemented. Discontinued as a result of time, priority and finances

[GitHub Repo](#)

BOARD GAME HANDBOOK

- Android mobile app to search for the rules of hundreds of board games
- Goal was to learn how to use Android Studio and build a simple app that my friends would benefit from. As a big fan of board games, I created a simple multi-screen app to list a hard-coded set of games with their detailed rules and links to visit the official rules site

[GitHub Repo](#)

GITHUB BROWSER

- iOS mobile app to browse their GitHub activity history such as pushes/commits to repos
- This was before GitHub had a mobile app, so the goal was to provide a simple way to access your commits and repos on a mobile device without having to log into a computer

SKILLS

JavaScript, React, Storybook, REST, Jest, Agile, Node, Postgres, Git/GitHub

HTML, CSS, Java, Redux, Django, Python, Flask

INTERESTS

I enjoy playing basketball and badminton, and spending time with family and the ones I love – hiking together, going out for food and drinks, or just watching a good movie at home :)