# Peter **Ghanem**

SOFTWARE DEVELOPER

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## Summary

Versatile software developer with expertise across the stack, specializing in scalable systems, seamless user experiences, and API design. Strong frontend foundation paired with backend problem-solving skills to build high-performance applications. Proven leader with exceptional interpersonal skills, driving innovation, mentoring teams, and delivering projects on time. Fluent in English, French, and Arabic.

## Technical Skills

### LANGUAGES

**Proficient:** JavaScript, TypeScript, Java     **Familiar:** GraphQL, SQL, Python

### FRAMEWORKS & TECHNOLOGIES

**Web Development:** React, Redux, Jest, HTML, CSS     **Databases:** MySQL     **Cloud Services:** AWS S3

## Work Experience

**Software Developer III (Team Lead) | Jostle**                     *Jan. 2023 – Present*
**Software Developer II**                                           *May 2021 – Jan. 2023*
REACT, REDUX, TYPESCRIPT, JAVA, GRAPHQL, DOCKER                     *Vancouver, Canada*

- Led and mentored a team of developers, providing guidance and unblocking technical challenges through the development process.
- Architected and led development of Collections UI, a unified approach to displaying list-type data, showing technical leadership.
- Refactored React code injection logic in GWT wrappers, improving efficiency and responsiveness by up to **500%** over extended sessions.
- Led complete Search interface rebuild, delivering a modern search experience resulting in **30%** improvement in user engagement.
- Built a sign-off CTA for the News Viewer, allowing users to confirm article viewing, with exportable analytics for system administrators.
- Audited and rebuilt unit tests for all React components, increasing coverage by up to **20%** in areas previously thought to be covered.
- Worked with teams to identify, troubleshoot, and fix complex bugs, ensuring seamless functionality and system stability.

**Technical Architect | Ensemble Systems**                         *Apr. 2020 – May 2021*
**Software Developer**                                              *Apr. 2019 – Apr. 2020*
JAVA, NODE.JS, REACT, REACT NATIVE                                  *Vancouver, Canada*

- Created Java back-end connectors for Adobe CMS, and wrote JavaScript plugins for automating Adobe InDesign to HTML conversion.
- Built full-stack media applications using React and React Native, delivering Netflix-style user experiences.
- Acted as Technical Architect, designing scalable and customized Adobe CMS solutions for clients.

**Co-op Software Developer | iSpace Laboratory SFU**               *Dec. 2017 – Aug. 2018*
C#, UNITY, CINEMA 4D                                                *Vancouver, Canada*

- Built an immersive Unity VR game, optimizing checkpoints, models, and scripts to create awe-inducing experiences for academic research.

**QA Lead | Finger Food Studios**                                  *Apr. 2015 – May 2016*
**Software Engineer in Test**                                       *Feb. 2014 – Apr. 2015*
SELENIUM WEBDRIVER, PYTHON                                          *Vancouver, Canada*

- Automated web app testing and comprehensive QA across web, mobile, and emerging platforms including Xbox and Microsoft HoloLens.

## Technical Activities

**Primo Portfolio**                                                *peterghanem.com*
REACT, EMOTION CSS

- Developed a responsive open-source digital resume featuring a two column mobile friendly design and re-usable content components.

**Road.io**                                                        *bit.ly/roadio*
REACT NATIVE, OPENAI API, SPOTIFY API

- Developing an AI-powered road trip music app that curates playlists using subtle factors such as location, weather, and destination.

**natureQuest (2nd Place Winner - VanHacks)**                      *bit.ly/vanhacks*
REACT NATIVE, NODE.JS, SQLITE

- Developed an app to engage users in supporting BC Parks through volunteering, donating, issue reporting, and leaderboard competition.

## Education

**The University of British Columbia**                             *Sept. 2015 – Feb. 2019*
B.A. IN COGNITIVE SYSTEMS                                           *Vancouver, Canada*

**Relevant Coursework:** Data Structures & Algorithms, Software Construction, Propositional Logic, Models of Computation