

Nicholas Boutboul, Software Engineer

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PROFILE I'm a full-stack software engineer well-versed in a host of languages, dsl's, frameworks, you name it I can learn it. I do my best to write modular, tested, and well-documented code using the best tool for the job, I try to leave my bias at the office door. I am self-directed and very motivated. I always love a good problem to solve so coding challenges are always welcome!

EMPLOYMENT HISTORY

Aug 2019 — Mar 2020 **Software Engineer II, Zume Inc.** Mountain View

Migrating the company's legacy Tableau server from Windows to Linux. Wrote YAML K8 charts, CI/CD pipelines for microservice fleet for faster dev cycles. Added Terraform automation to provision cloud resources. Rolled out JFrog Artifactory to store all internal packages and artifacts internally generated. Graphed deployment info in Grafana.

NodeJs, Kubernetes, Tableau, JFrog, Terraform, Docker, Jenkins, SQL, NoSQL

Jan 2019 — Aug 2019 **Software Engineer I, Zume Inc.** San Francisco

Full-stack engineer on the dashboard team. working on new customer experiences. I mainly focused on backend, webpack optimizations, docker/test pipeline. Wrote scripts/tools to improve productivity and made daily contributions toward developing the internal component library.

NodeJs, Typescript, Express, VueJs, Webpack, Storybook, Docker, Jenkins.

Aug 2018 — Dec 2018 **Software Engineer, Bebo** San Francisco

In charge of the full-backend stack for a streaming casting service. Maintain and roll out new features on a daily basis. Debugging live in a high-pressure situation. Worked heavily on Database optimizations.

NodeJs, SQL, NoSQL, Electron, ReactJs, Java, AWS

Oct 2015 — Apr 2017 **Quality Assurance (QA) Engineer, Imagine Productions** Montreal

In charge of testing and debugging. Wrote SQL queries for statistical data analysis.

Javascript, SQL, Objective-C

SKILLS

Javascript(TS, JSX), Python, Ruby, PHP, C, C#, Dart

Node.js - async, events, HTTP servers, clustering, etc...

ReactJs, VueJs, Flutter - state management, routers, webpack, etc...

Cloud Infrastructure - Kubernetes, Helm, Hashcorp Suite, datadog

CI/CD - Jenkins (x), Spinnaker, Chef

Databases - MongoDB, mySQL, PostgreSQL, SQLite, redis

Automation - Terraform, cron jobs, Vault, API intergrations

Multi-hat - No matter what it is, I'll do my best to learn it

REFERENCES

References available upon request

LANGUAGES English Native speaker French Native speaker

HOBBIES Video Games, Good Movies, Funky Music, Building Things, French House Musique

github.com/Raid55/Raise_the_terrain

The challenge was to render an isometric grid that you could control and move around with your keyboard using **SDL2** and **C**. I was very proud of the result.

github.com/Raid55/fuse-wiki

fuse.wiki connects any two Wikipedia articles by 6 degrees of separation or less by using a bi-directional search algorithm to propagate results. Built with **Python**, **React**, **Nginx**, **SQLite**, and **shellscripts**.