

Jacob Allen

Jr. Full-Stack Web Developer

Energetic, self-motivated and focused Web Developer with excellent communication skills. Organized and service driven. Fascinated by computers and how they work. Love problem solving. Dedicated to and passionate about improving my programming and technical skills.

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PROJECTS

Patrr Chat (03/2020 - 03/2020)

- Instant messaging React application. Users can form organizations, public channels and communicate instantly, publicly or privately.
- Features WebSockets allowing users to instantly send and receive messages with each other and *Firebase Authentication* for secure user registration & login.
- Tech stack: Node/Express, React, Material-UI, Firebase, PostgreSQL, GraphQL, WebSockets.*

Scheduler (02/2021 - 02/2021)

- React application allowing users to book and cancel interviews combining a concise API with a WebSocket server to build a real-time & interactive user experience.
- Tech stack: Node/Express, Jquery, HTML, CSS, PostgreSQL.*

PasswordKeepR (01/2021 - 02/2021)

- Full-stack web application where users can create passwords for their organizations.
- Features user accounts with full login & authentication. Logged in users can create, edit and delete passwords shared across their organizations.
- Tech stack: Node/Express, Jquery, HTML, CSS, PostgreSQL.*

Park Locator (09/2020 - 11/2020)

- A locator full-stack web application for all skateparks in Vancouver B.C.
- Features user accounts with full login & authentication. An interactive map detailing all skateparks in Vancouver. All users can save Skateparks to a personal list. Skateparks feature a complete list of reviews.
- Tech Stack: Python with Flask, HTML, CSS, JavaScript, Ajax, SQLite, Google Places & Maps API.*

WORK EXPERIENCE

IT Support Specialist

Eminence Organic Skincare

12/2019 - 11/2020

Vancouver

Highlights

- Automated repetitive IT Helpdesk tasks with Python and PowerShell Scripting.
- Initial troubleshooting of internal business web applications and escalation of all bugs discovered to the Software Development team using Jira.
- Ensured 100% problem resolution exceeding agreed SLA standards. Managed workstation remediation, software patches, updates, upgrades and backup jobs.

Desktop Support Specialist

Insight

01/2019 - 11/2019

Vancouver

Highlights

- Delivered a high standard IT support at SAP Vancouver, troubleshooted a broad range of IT related issues, identified root causes, logged all support tickets.
- Troubleshooted all hardware and software related issues for all IT equipment.

IT Store Support Specialist

lululemon

01/2018 - 03/2019

Vancouver

Highlights

- Tier-2 IT Support Specialist for 460+ global retail locations.
- Configuration and support of all POS IT equipment, POS software, POS SQL databases. SQL scripting to automate repetitive tasks.
- Created and maintained internal documentation. Improved readability, delivering an improved end user experience and reducing ticket loads on the IT Helpdesk.

TECHNICAL SKILLS

Languages

JavaScript, Python, C, Ruby, SQL, HTML, CSS

Frameworks & Libraries

Node/Express.js, React, Flask, JQuery, Ruby on Rails, Bootstrap

Miscellaneous

Git, GitHub, Jira, Scripting, Debugging, End to End testing, Unit & Integration testing, Storybook, VMWare, Vagrant, Docker

Security

Injection & XSS prevention, Encryption, Backup Management, Disaster Recovery

Operating Systems

Linux, macOS, Windows 7-10, Windows Server

Other Technical Skills

Systems Administration, PowerShell, Bash, IT Documentation, TCP/IP, DNS, Servers, Virtualization, Exchange Admin, Active Directory, Product Training

EDUCATION & CERTIFICATES

Full-Stack Web Development

Lighthouse Labs - Diploma

12/2020 - 04/2021

Vancouver

Courses

- Intensive full-time Web Development Bootcamp.
- Centred around JavaScript & Ruby with Node.JS, React & Ruby on Rails.
- Computer Science foundations such as data structures & algorithms.
- Databases & data modeling, software architecture, automated testing & security.

CS50x - Introduction to Computer Science

HarvardX - Verified Certificate

01/2020 - 11/2020

Massive Open Online Course

Courses

- Completion of 25+ problem sets & the Web Development track.
- Developed a broad and robust foundation in computer science and programming.
- Portfolio of problem sets & projects available on my GitHub.