

Scott Greff

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PROFILE

As a dynamic and innovative web developer, my passion lies at the intersection of cutting-edge technology and creative solutions. I am dedicated to lifelong learning, constantly updating my skills to stay ahead in the ever-evolving tech landscape. My problem-solving abilities are matched by a robust set of soft skills that make me an invaluable team player. I am eager to genuinely listen and learn from others and contribute my honest insights only when I believe it will aid in resolving challenges. With a personal interest in music, cooking, and travel, I bring a sense of creativity to the development process, ensuring that code not only functions but engages. I am driven by a relentless pursuit of excellence, taking pride in writing clean, efficient code and seeing tasks through to completion. As I seek to contribute to a forward-thinking team, my goal is to deliver high-quality web solutions that drive innovation and exceed expectations.

WORK EXPERIENCE

2022-2024

Full-Stack Developer, Vancouver, BC

Freelance Work

* Please see section Hard Skills and Website's Portfolio

- Expertise in HTML, CSS, and JavaScript for crafting responsive and interactive user interfaces.
- Knowledge of server-side languages such as Node.js, Python, or PHP for backend development.
- Ability to work with various databases, including relational databases like MySQL and NoSQL databases like MongoDB.
- Proficiency in using version control systems like Git for code tracking, collaboration, and deployment.
- Experience with front-end frameworks and libraries such as React and NextJS, as well as backend frameworks like Express.js.
- Understanding of basic design principles to ensure applications are both user-friendly and visually appealing.
- Skilled in creating and integrating APIs, with RESTful services for client-server communication.
- Expertise in implementing robust state management solutions to ensure seamless data flow and maintain application state across multiple sessions and interactions.
- Proficient in implementing authentication mechanisms, leveraging JSON Web Tokens (JWT) for secure user session management and maintaining application integrity.
- Strong analytical and problem-solving abilities for effective troubleshooting and debugging of web applications.
- Comprehension of web architecture, including client-server communication, data flow, and security best practices.

- Good communication, time management, and a proactive approach to learning and adapting to new technologies.

2016-2019

Greff Growler, Vancouver, BC
 Partnership Owner
 Product Design, Sales, Marketing, Production Lead

Co-owner of a business that specialized in supplying breweries with customized, branded merchandise for sale at their locations.

- Designed a range of products including portable beer growler holders and home bar accessories.
- Managed the logistics and supply chain coordination for the product from the point of manufacture to delivery.
- Market and distribute a curated selection of portable beer growler holders and home bar accessories to breweries for retail.
- Developed successful partnerships with local and regional breweries to expand market presence and brand recognition.
- • Instituted a quality control process to guarantee the highest standard of products delivered to brewery clients.
- • Launched targeted social media campaigns to build a community of craft beer enthusiasts and promote merchandise.
- Conducted A/B testing for marketing by using Google analytics in order to optimize ad spend and improve the return on investment.
- Partnered with local events and beer festivals to sponsor booths, increasing product visibility and direct customer engagement.

2007-2019

Vancouver Public School Board, Vancouver, BC
 School and Student Support Worker
 Tutoring Teacher for Math and Science (2014-2019)
 Team Lead of District Program (2010-2014)

Taught within classrooms to reinforce and provide personalized tutoring on course material for students. Supported students with diverse abilities in integrated classrooms, special programs and in work experience.

- Tailoring teaching methods to accommodate different learning styles.
- Breaking down complex topics into understandable segments.
- Creating engaging lesson plans to reiterate classroom material.
- Helping students develop effective study and time management skills.
- Participated in quality assurance audits and program reviews.
- Participating in professional development to stay current with educational best practices.
- Assessing student understanding and knowledge gaps through informal assessments.
- Conducting one-on-one or small group tutoring sessions.
- Monitoring student progress and adjusting teaching strategies accordingly.
- Trained and mentored support workers.
- Advocated for student self-determination, empowerment, inclusivity and diversity.

- Aided in the development and implementation of Individual Education Plans.
 - Liaised with families and community supports, maintaining excellent communication, respect and trust.
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2005-2007 **Spectrum Society for Community Living**, Vancouver, BC
 Team Lead - Key Worker (2005-2008)
 Community Support Worker

Primary Caregiver, supported adults with diverse abilities.

- Supervised, trained, and mentored staff in the needs of the clients and ensured they were up to date on client development and changing needs.
 - Participated in staff hiring, created staff schedule, and completed staff performance reviews.
 - Provided leadership, in conjunction with the clients, Manager and team, in determining short and long-term goals, and in the planning and development relevant to the needs of the clients.
 - Coordinated and facilitated team meetings.
 - Oversaw the care and support of clients in areas of health, safety, finances, staffing, and record keeping.
 - Liaised with health care teams, families and community services.
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EDUCATION

- Associates Degree in Computer Science, Langara, Vancouver BC (2023)
- Berkely School of Music, Audio Engineering, Boston Ma, (2003)
- Grade XII Diploma, O'Neil Secondary, Regina, SK (2001)

EDUCATION (non-formal)

- Machine Learning Course by Andrew Ng (current)
- Data Structures & Algorithms in C++ by Mosh Hamedani
- C++ Course on low level optimization
- OOP Course on Java

ACCOMPLISHMENTS, CONTINUOUS GROWTH

- Successfully launched multiple responsive websites that met or exceeded user engagement metrics.
- Developed and integrated efficient back-end services with databases, leading to a 20% increase in application performance.
- Earned certifications in the latest web technologies, keeping skills current and applicable.
- Proactively learned and implemented new programming languages and frameworks to address project needs.

- Partnered with lead developers to innovate and craft application side projects, furthering our technical proficiency while also providing a creative and enjoyable outlet.
- Actively seek coding meetups to build a community for support and networking.

HARD SKILLS

Languages: JavaScript, TypeScript, HTML , CSS , Python , Java , C++ , SQL , PHP *

Frontend / Backend Framework: React , NextJS , Express , Django *

CSS Frameworks: Tailwind , Bootstrap

Component Libraries: ShadCN , React-Bootstrap , Styled-Components , Material-UI , Tailwind-UI

Databases: PostgreSQL , MongoDB , SQLite , Plain JSON

ORMs: Mongoose , Prisma , Drizzle *

Authentication: OAuth , Auth.js , Clerk * , Sessions , JWT , Adapters , Database , Providers

State Management: Redux , Context , Zustand

APIs: REST API , Fetch , Axios, Public , Token-Based , SOAP *

Form Management and Validation: React Hook Form , ZOD , Toast

Accessibility: Aria: Screen Readers , UX/UI

Runtime Environments: NodeJS , AWS Lambda * , MS DOTNET * ,

Security & Prevention: SQL Injection , CORS , Cross-Site-Scripting , *continual education*

SEO: Crawling , Ranking , On-Page Optimization , Keyword Research , Off-Page Optimization , Backlinks , Google Analytics * , hrefs *

Repositories: Git , GitHub , GitBucket *

Software Architecture: Model-View-Controller , Model-View-ViewModel *

Methodologies: CI/CD , Agile Development , Scrum , User Stories , Waterfall *

Coding Paradigms: Functional Programming , Object-Oriented Programming, Procedural Programming *

Testing: Jest

Animation - 2&3D: CSS , Spline , Adobe After Effects , Framer Motion , Blender * , BabylonJS *

Graphics Editors: Figma , Adobe Illustrator , Adobe Photoshop , Adobe Premiere Pro

Audio Recording: Audacity , Logic Pro , Cubase , Garage Band , Pro Tools *

Cloud Services: Netlify , Vercel , Firebase , AWS * , Google Cloud * , Azure *

* REFERENCES UPON REQUEST