



Scott Greff
8 – 5 E 10th Ave, Vancouver, BC V5T 1Y9

Phone: (778) 389-0344

Email: scottiegreff@gmail.com

Website: scottgreff.com

PROFILE

A Full Stack Developer with experience in developing web applications, back-end services, and databases. Deployed applications to multiple cloud-based production environments, designed and maintained relational database systems, and integrated third-party services to ensure reliability, security, and scalability. Integrate data analytics to prove the effectiveness of stakeholder's investment. With a personal interest in music, cooking, and travel, I bring a sense of creativity to the development process, I am driven by a relentless pursuit of excellence seeing tasks through to completion. As I seek to contribute to a forward-thinking team, my aim is to deliver quality web solutions that drive innovation and exceed expectations.

EDUCATION

- Computer Science Associate Degree, Langara, Vancouver BC (2023)
- Audio Engineering, Berkely School of Music, Boston Ma, (2004)
- Grade XII Diploma, O'Neil Secondary, Regina, SK (2001)

WORK EXPERIENCE

2022-2024

Full-Stack Developer, Vancouver, BC
Freelance Work

- Use HTML, CSS, and TypeScript constructing dynamic and responsive user interfaces.
- Implement Node and PHP for server-side languages and backend development.
- Utilize RESTful services via APIs in client-server communication.
- Design, create, and optimize relational databases and non-relational databases.
- Query databases using SQL or ORMs.
- React & Next JS for front-end frameworks and Express.js for backend framework.
- Use GitHub for version control systems and JIRA for collaboration.
- Implement robust state management solutions using Redux.
- Comprehension of web architecture, including client-server communication, data flow, and security best practices.
- Understanding of basic design principles to ensure applications are both user-friendly and visually appealing.

2016-2019

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

Business owner that specialized in supplying breweries with branded merchandise.

- 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 data analytics using UTMs and Google Analytics.
- Launched targeted social media campaigns to generate interest and brand awareness.
- Conducted A/B testing for marketing effectiveness to improve ROI.

- Instituted a quality control process to guarantee the highest standard of products delivered to brewery.
- Developed partnerships with local and regional breweries to expand market presence and brand recognition.
- Partnered with local events and beer festivals to sponsor booths, increasing product visibility and direct customer engagement.

2007-2018

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.

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.

EDUCATION (non-formal)

- AWS Cloud Practitioner Certification
- Data Structures & Algorithms in C++
- C++ Course on low level optimization

ACCOMPLISHMENTS

- Developed and integrated efficient back-end services with databases, leading to a ~600ms decrease in data fetching by upgrading legacy code to newer server-side rendering.
- Streamlined codebase by refactoring components, achieving a 30% reduction in code length for enhanced readability and maintainability, aligned with best practice industry standards
- Enhanced user security by transitioning from session-based to JWT token-based authorization, tightening app security while also reducing data transfer by 45%.
- Instituted a stable global state management system to eliminate prop-drilling, thereby improving the code base's readability, maintainability, all while achieving the separation of concerns principle.

- Successfully launched multiple responsive websites that met or exceeded user engagement metrics.

HARD SKILLS

Languages: JavaScript, TypeScript, HTML , CSS , Python , Java , C++ , SQL , PHP
Frontend / Backend Framework: React , Next JS , Express , Django
Databases: PostgreSQL , MongoDB , SQLite , Plain JSON
ORMs: Mongoose , Prisma , Drizzle
AWS: EC2 , IAM , S3 , RDS , DynamoDB , EBS , Lambda , CloudFront , SNS,
State Management: Redux , Context , Zustand
APIs: REST API , Fetch , Axios, Public , Token-Based
CSS Frameworks: Tailwind , Bootstrap
Component Libraries: ShadCN , React-Bootstrap , Styled-Components , Material-UI , Tailwind-UI
Authentication: OAuth , Sessions , JWT /JWE , Auth.js , Clerk , , Adapters , Providers
Form Management and Validation: React Hook Form , ZOD , Toast
Accessibility: Aria: Screen Readers , UX/UI
Runtime Environments: NodeJS , AWS Lambda,
Security & Prevention: SQL Injection , CORS , Cross-Site-Scripting
SEO: Crawling , Ranking , On-Page Optimization ,Backlinks , Google Analytics , hrefs
Repositories: Git , GitHub,
Software Architecture: Model-View-Controller , Model-View-ViewModel
Methodologies: CI/CD , Agile Development , Scrum , User Stories
Coding Paradigms: Functional Programming , Object-Oriented Programming, Procedural
Cloud Services: Netlify , Vercel , Firebase , AWS , Google Cloud, Azure
Animation - 2&3D: CSS , Spline , Adobe After Effects , Framer Motion , Blender
Graphics Editors: Figma , Adobe Illustrator , Adobe Photoshop , Adobe Premiere Pro
Audio Recording: Audacity , Logic Pro , Cubase , Garage Band , Pro Tools

* REFERENCES UPON REQUEST