

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, and familiarity with RESTful services for client-server communication.
- 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.

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.
- 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.
- Preparing supplementary materials such as study guides or practice tests.
- Coordinating with classroom teachers to ensure consistency in instruction.
- Participating in professional development to stay current with educational best practices.
- Trained and mentored support workers.
- Provided leadership, in conjunction with Educators, in determining short- and long-term goals and objectives for district programs. Provided input and recommendations to Educators and school-based team, with regards to classroom and program resources.
- Coordinated program activities, staff schedule, established priorities and ensured student needs were met.
- Participated in quality assurance audits and program reviews.
- Advocated for student self-determination, empowerment, inclusivity and diversity.
- Aided in the development and implementation of Individual Education Plans.
- Aided in the development of student care plans, ensured they were current, managed medications; provided reminders to staff and reviewed and monitored care plans to ensure proper completion.
- Liaised with families and community supports, maintaining excellent communication, respect and trust.
- Provided support and coaching with behaviour change, academics, life skills, personal care, physiotherapy, occupational therapy, and speech and language therapy.
- Encouraged individual skill development and integration.
- Assisted with medical needs such as tube feeding, monitoring seizures, dispensing medication, first aid.
- Assisted with visual, auditory and tactile stimulation, and communication technology.
- Organized and supervised activities and outings.
- Planned and modified student work, preparing stimulating and creative lessons.
- Supported students with meaningful and relevant volunteer, work experience, and graduation transitions.

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.

- Coordinated work experience placements.
- Organized and accompanied outings, appointments, activities.
- Aided in strengthening the capacity of individuals and their personal networks, augmenting rather than replacing natural supports. Enhanced quality of life through mutually rewarding relationships.
- Implemented guided physiotherapy programs, dispensed medications, provided personal care, and support for all activities of daily living.

EDUCATION

- ML/AI Courses in Math and CS at TRU (current)
- 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)

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.
- Contributed to open-source projects, demonstrating community involvement and collaborative skills.
- Earned certifications in the latest web technologies, keeping skills current and applicable.
- Regularly refactored legacy codebase, improving code readability and maintainability.
- Introduced a code review process that improved the team's coding standards and practices.
- Designed a continuous integration/continuous deployment (CI/CD) pipeline, which streamlined development workflows.
- Proactively learned and implemented new programming languages and frameworks to address project needs.
- Collaborated with UI/UX designers to incorporate user feedback, resulting in a 40% improvement in user satisfaction scores.

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