Scott Greff

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PROFILE

A Full Stack Developer with experience in developing web applications, back-end services, and databases. Proficient in deploying and maintaining applications on cloud-based production environments, designing relational database systems, and integrating third-party services to expand features, speed, and security. Successfully implement data analytics, event-driven microservices, e-commerce platforms, and cross origin admin apps, all while maintaining type-safe, state-managed, and validated codebases.

EDUCATION

- Computer Science Associate Degree, Langara, Vancouver BC
- Audio Engineering, Berkely School of Music, Boston Ma

WORK EXPERIENCE

Full-Stack Developer, Vancouver, BC   2024

Software as a Service (SaaS)

- Developing and maintaining responsive web applications using **HTML, CSS, and TypeScript**
- Implementing **server-side code** using Node.js, PHP, and C# for backend development
- **Designing database schemas** for SQL, ORMs, and NoSQL technologies and optimizing table relationships for efficient queries
- Creating and consuming internal **RESTful APIs** as well as third-party services and APIs
- Writing clean code by refactoring components, primarily **server side rendering,** hydrated on client, and using **global state management** when needed
- Creating asynchronous pipelines for **event-driven microservices**, such as confirmation emails and SMS reminders
- Implementing user **authentication and authorization** using OAuth protocols, ensuring user's credentials and database security
- Establishing and improved **CI/CD, JIRA, and Agile Development** workflows
- Familiar **with AWS cloud services**
- **Collaborating effectively with senior developers** in code reviews and system design planning
- Proficiently utilizing version control systems such as **Git and GitHub**

Vancouver Public School Board, Vancouver, BC   2007-2019

Secondary High School Tutoring Teacher for Math and Science (2010-2019)

Team Lead of District Program (2014-2019)

- Taught and monitored a classroom of secondary students in various subjects, primarily in Math and Sciences
- Assessed student's knowledge level, broke down complex topics into smaller components to accommodate their learning style
- Participated in ongoing reviews and quality assurance audits to deliver the most effective program processes
- Designed material into milestones and stints, taught effective time management skills, and adjusted stints accordingly
- Advocated for student self-determination, empowerment, inclusivity and diversity

Greff Growler, Vancouver, BC   2016-2019
Partnership, Product Design, Marketing, Sales, Production Lead

- Designed a range of products including beer growler carriers and home bar accessories
- Managed the logistics and supply chain coordination for product material, from point of manufacture to retail delivery
- Sold to 15 retail stores and over 20 breweries, selling over 3000 units of main product
- Launched targeted social media campaigns, conducted A/B testing by using UTMs and Google Analytics
- Partnered with local community beer festivals to increase product visibility and direct customer engagement

SKILLS & COMPENTENCES

- HTML , CSS
- JavaScript , TypeScript, Java , C++ , SQL , PHP
- NodeJS
- React , Next JS , Express
- PostgreSQL , MongoDB , SQLite
- Mongoose , Prisma , Drizzle
- EC2 , IAM , S3 , RDS , DynamoBD , EBS , Lambda
- Redux , React Context , Zustand
- Tailwind , Bootstrap
- ShadCN , Radix, Bootstrap , Material-UI
- React Hook Form , ZOD

- OAuth , Sessions , JWT /JWE , Auth.js , Clerk
- RESTful API
- Git , GitHub,
- CI/CD , Agile Development , Scrum
- Vercel , AWS, Cloudflare, Netlify
- Adobe After Effects , Framer Motion
- Figma , Adobe Illustrator , Adobe Photoshop , Adobe Premiere Pro
- Logic Pro , Cubase , Garage Band , Pro Tools
- Model-View-Controller , Model-View-ViewModel
- Functional Programming , Object-Oriented Programming, Procedural

* REFRENCES UPON REQUEST