

SCOTT HORLACHER

Vancouver, British Columbia

All around problem-solver that enjoys making web apps with Javascript and following microservice architectures when deploying and maintaining them . In search of new full-time and contract opportunities where I can gain experience working with new teams, and management styles. Presently, I rely on React, NodeJS + SQL to deliver app experiences and employ microservice architectures to deploy (Kubernetes/Docker) high availability APIs (REST/GraphQL) on a variety of cloud platforms -- including AWS, OVH and bare-metal.

I'm actively searching for new projects to apply my skills in UI/API development as well as DevOps. The crux of my LinkedIn automation tool (Sonity Ltd), uses Selenium web automation and am also interested in unit testing and gaining experience with CI/CD testing environment. The app is wrapping up beta, and will be ready for public consumption just prior to the 2023 new year.

Although my trade is software development, I was formally educated in Electrical Engineering (McMaster) and also enjoy working on IoT projects. Research-wise -- I do try and keep up to date and am interested in data-science, distributive systems and blockchain topics and have a patent pertaining thereto.

EXPERIENCE**Sonity***Sept 2019- Present*

Co-founder, lead-developer & janitor for a SaaS marketing automation platform for LinkedIn. Development stack includes React/Material-UI/Tailwind for the UI, NodeJS + GraphQL with PostgreSQL for the backend and a slew of Selenium Webdriver automation scripts. Developed, and deployed microservice architecture ranging from single Docker containers to highly-available clustered applications with Kubernetes. Responsibilities also included customer service, marketing and e-commerce (GoogleAnalytics4, Stripe).

Artiste QB*March 2018 - Sept 2019*

Researcher and developer producing IP.

Freelance Webservices*Jan 2016 - Present*

Continuously learning frameworks and libraries in order to get the job done. Services include hosting, Shopify custom apps, CRM integrations, web-development and general app-design

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Fullstack Developer

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consulting. Most recent project was a backend service to issue giftcards with personalized messages. It utilized order fulfillment-services, a persistent DB with hashmapped messages and a .liquid email template in order to leverage and integrate the existing Shopify giftcard mailing system.

OTHER

System and method for platform to securely distribute compute workload to web capable devices

July 2017

A system and method for distributed computing tasks to a plurality of swarm devices. In particular, using WebGL and browser canvas to make available the computing resources of any device with a browser.

System and method for shared secret encryption and verification of recordings of meeting proceedings

Oct 2018

Patent on the process of using proximity based detection of mobile app for Diffie-Hellman symmetric key exchange, audio/video meeting recording, followed by encryption with a unique key generated by Shamir's Secret Sharing algorithm. The result is meeting minutes are recorded and encrypted into a database service and only recoverable given a m-of-n majority of participants.

Kineticoin -- Cryptocurrency-art residency @ Ujazdowski

Sept 2018 - Nov 2018

Exploring the concept of 'Proof-of-Performance', Kineticoin was an ERC20 issued in the gallery space @ the national museum of contemporary art in Warsaw. Users would sign in with a wallet, and were tracked with an image-recognition system which would track their performance and subsequently issue KNC tokens.

Perftoran Technical Consultant at Palazzo Lucarini (Italy) and Fotopub (Slovenia).

July 2020-Sept 2020#696969

Provided web, security cam, internet and chemical extraction/distillation services for avant-garde international contemporary exhibition. Aided in production of various bee propolis extracts, soaps and herbal (helicryso) tinctures.