

Esteban Romo

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EXPERIENCE

Medical Treatment & Recovery

Dec 2023 – May 2024

Full Stack Software Engineer

Apr 2021 – Nov 2023

CANImmunize

Remote

- Built web and mobile applications that power the COVID-19 vaccination campaigns in Nova Scotia and Yukon.
- Developed user interfaces used by 1M+ people across different projects with **Typescript**, **React**, **CSS**, and **Redux**.
- Designed serverless services that allows residents of Nova Scotia to access their vaccination records using Serverless, Lambda, **Redis** and Twilio.
- Migrated and expanded **CI/CD** pipelines from Jenkins to **CircleCI**; sharply decreased the deployment process duration by 80%, from an average of 1 hour down to 12 minutes.
- Ported a large legacy codebase from **Node.js** v9 to v18; enabled the resumption of its development.
- Set up service health monitoring dashboards with **CloudWatch** and integrated them with Slack; helped halve service incidents and reach 99.98% uptime.
- Wrote hundreds of **unit and integration tests** with Jest; maintained branch coverage above 80%.
- Built a SaaS product with 150K+ users that helps employers manage their immunization policies.
- Created **Terraform** templates to manage the infrastructure of many projects hosted on **AWS**.
- Maintained a public repository of vaccine products and lots made available as an npm package, web app, and REST FHIR API with 100K+ records.
- Headed data migrations of millions of medical records with **PostgreSQL** and Typeorm.
- Participated in recruitment events, conducted technical interviews and onboarded co-op students.

Freelance Lead Developer

Feb 2020 – May 2020

ppeburnrate.com

Oakville, Ontario

- Recruited and led a team of 5 developers in building a responsive web app that helps organizations manage their PPE consumption using **React**, Tailwind, Express.js and **PostgreSQL**.

EDUCATION

Sheridan College

Sep 2019 – Dec 2020

Ontario College Diploma in Software Engineering

Oakville, Ontario

- GPA: 3.93/4.00; High Honours.

Centro de Enseñanza Técnica Industrial

Aug 2015 – Jun 2019

Technologist in Software Development

Guadalajara, Mexico

PROJECTS

Coco | *JavaScript, Tera, Sass, HTML, GitHub Actions*

June 2024 – Present

- Created a minimalistic Zola theme originally for my personal website, now available for free.

Kai | *Typescript, Vite, Jest, Fastify*

Nov 2023 – Present

- Built a WebSocket relay server that bridges the communication between clients for use in listen-server architectures.

SKILLS

Languages: Typescript, JavaScript, CSS/SCSS/HTML, SQL.

Frameworks and libraries: React, React Native, Jest, Express.js, Fastify.

Infrastructure: AWS(EC2, Lambda, RDS, CloudWatch), Serverless, Redis, Terraform.

DevOps: Jenkins, CircleCI, Github Actions, Docker.

Others: Node.js, Typeorm, Git, Tailwind, Webpack, Vite.

LANGUAGES

English: Fluent

Spanish: Fluent