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 allow 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.
- 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 SasS 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.
- Prominent coursework: .NET Technologies, Web Programming, Database Design & Implementation.

Centro de Enseñanza Técnica Industrial   Aug 2015 – Jun 2019
Technologist in Software Development   *Guadalajara, Mexico*

PROJECTS

Hacker News Client | *C#, .NET Core, Razor Pages, Azure, GitHub Actions*   July 2024 – Present

- Created a minimalistic Hacker News client using Steph Ango's Flexoki theme.

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, C#, C++, CSS/SCSS/HTML, SQL.
Frameworks and libraries: React, Razor Pages, Express.js.
Infrastructure: AWS (EC2, Lambda, RDS, CloudWatch), Azure (App Service) Redis, Terraform.
DevOps: Jenkins, CircleCI, GitHub Actions, Docker.
Others: Node.js, ASP.NET Core, Typeorm, Git, Tailwind, Webpack, Vite.

LANGUAGES

English: Fluent
Spanish: Fluent