Esteban Romo

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SKILLS

Languages: Typescript, SQL, Postgres, JavaScript, HTML, CSS, C++.
Frameworks: React, React Native, Express, Fastify, Jest.
Tools: Git, CircleCI, GitHub Actions, Jenkins, XCode, Lerna.
Infrastructure: AWS, Elastic Beanstalk, RDS, ElastiCache, EC2, Terraform.
Libraries & Others: Node.js, Typeorm, Ant Design, Tailwind, Redis, Docker.

LANGUAGES

English: Proficient
Spanish: Native

EXPERIENCE

Full Stack Software Engineer
CANImmunize

Apr 2021 – Nov 2023
Remote

- Took on a pivotal role in the developement of multiple healthtech solutions across all stages of development.
- **VaxRecordNS**: Allows the residents of Nova Scotia to access their vaccination records.
  * Collaborated closely with multiple vendors as part of a wide effort to centralize the province's health data.
  * Developed web and mobile apps using React, React Native, and Typescript that interface with a governmental OIDC provider and a FHIR data repository that stores the vaccination records of 1M+ patients.
  * Designed scalable serverless services that allow users to manage their dependents and generate official their vaccination records using AWS Lambda, Twilio, and Redis.
  * Created dashboards and alerts to monitor the health of the service with CloudWatch and Slack integrations.
  * Set up CI/CD pipelines to build and deploy the applications with CircleCI.
  * Managed the project's infrastructure using Terraform.

- **Shield**: Digital tool to help employers collect, manage and verify proof of vaccination of their employees.
  * Developed a SaaS product with Typescript, React, and PostgreSQL that handled PHI of up to 150K+ employees of major governmental and private organizations.
  * Conducted interviews, assisted in hiring, and onboarded co-op students.
  * Conducted code reviews of peers and mentored junior developers.
  * Implemented suggestions from external cybersecurity audits to become SOC 2 compliant.

- **ClinicFlow**: End-to-end software solution for institutions to run paperless mass immunization campaigns.
  * Developed performant web and mobile applications with React, React Native, and PostgreSQL that handle the forecasting, booking, logging, and proof of vaccination of 1M+ Canadians.
  * Expanded the vaccination forecasting system to support new COVID-19 guidelines.
  * Headed deployments that involved major data migrations and infrastructure changes.
  * Diagnosed, mitigated and solved critical incidents as the on-call engineer.

Freelance Lead Developer
ppeburnrate.com

Feb 2020 – May 2020
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, Express, DigitalOcean and Microsoft SQL Server.

EDUCATION

Sheridan College
Ontario College Diploma in Software Engineering

Sep 2019 – Dec 2020
Oakville, Ontario

- Cumulative GPA: 3.93/4.00; High Honours.

Centro de Enseñanza Técnica Industrial
Technologist in Software Developement

Aug 2015 – Jun 2019
Guadalajara, Mexico

PROJECTS

@es-romo/relay | *Typescript, Fastify, Lerna, Jest, GitHub Actions, Glitch*   Nov 2023 – Present

- Creator of a WebSocket-based relay server and client for listen server and host architectures, made available as individual npm packages.