Esteban Romo

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SKILLS

Languages: Typescript, SQL, Postgres, JavaScript, HTML, CSS.
Frameworks: React, React Native, ExpressJS, 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, HL7.

LANGUAGES

English: Native
Spanish: Native

EXPERIENCE

Full Stack Software Engineer
CANImmunize

Apr 2021 – Nov 2023
Remote

- Spearheaded the creation of multiple health-tech products, such as:
- **VaxRecordNS**: Allows the residents of Nova Scotia to access their vaccination records.
  * Developed a web and mobile app using React, React Native, and Typescript that interfaces with various government services to access the vaccination records of 1M+ people.
  * Designed scalable serverless services that allow users to manage their dependents and generate official vaccination records using Terraform, AWS, Twilio, and Redis.
  * Created dashboards and alerts to monitor the health of the service with CloudWatch and Slack integrations.
  * Integrated SAST into the project to become SOC 2 compliant in collaboration with cybersecurity auditors.
  * Set up CI/CD pipelines to build, test, and deploy the applications with CircleCI.
- **Shield**: Helps employers collect, manage and verify proof of vaccination of their employees.
  * Architected a SaaS product with Typescript, React, and PostgreSQL that handled the PHI of 150K+ users.
  * Interviewed candidates, assisted in hiring, and onboarded co-op students.
  * Reviewed peers' code and mentored junior developers.
  * Diagnosed, mitigated and solved critical incidents as the on-call engineer in close coordination with the customer support team.
- **ClinicFlow**: End-to-end solution that handles the COVID-19 vaccination rollouts in Yukon and Nova Scotia.
  * Developed performant web, Android and iOS applications with React, React Native, and PostgreSQL that handle the forecasting, booking, and proof of vaccination of 1M+ Canadians.
  * Headed deployments that involved major data migrations and infrastructure changes.
- **Canadian Vaccine Catalogue**: Comprehensive repository of vaccine products and terminology in Canada.
  * Solely responsible for maintaining a catalogue with 100K+ records made publicly available as an npm package, web app, and FHIR API running on AWS EC2.

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, ExpressJS, 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.

PROJECTS

@es-romo/relay | *Typescript, Fastify, Lerna, Jest, GitHub Actions, Glitch*   Nov 2023 – Present
- WebSocket relay server that bridges the communication between clients for use in listen server architectures.