

JASON MELLBLOM

Software Engineer / Web Developer



📞 (858) 337-9783 @ pofi@pofi.net 📍 California

EXPERIENCE

Co-Founder/CTO

GovRock 📅 07/2018 - 03/2019 📍 San Francisco, CA

Community resilience and disaster outreach platform, aiming to help cities maintain awareness and take action on their at-risk and vulnerable populations to save lives in the days and weeks following a disaster

- Co-founded company and led development and tech integration
- Architected, designed, and developed entire platform, from front end to back end (MERN stack)
- CMS Blue Button 2.0 integration, OAuth sign-ups, syncing 4 years of medicare claims data to the platform
- Ingested data from patient claims data into advanced filterable/searchable clinical data warehouse based on ICD9/10 diagnosis codes or keywords
- Allowed city officials to view vulnerable patient groups on a map, with ability to overlay esri layers for fire/flood/weather/disaster information, and to reach out to patients via messenger built using Twilio API
- React.js, Unstated, Node.js, Express, MongoDB, redis, JWT, Twilio, ArcGIS API, AWS

Software Engineer

Cisco Systems 📅 06/2005 - 05/2018 📍 New York, NY / San Jose, CA

Engineer for Data Center Network Manager - automating LAN and SAN Fabric Management

- Developed user interfaces for projects related to Data Center and Switching
- Front end for I/O Acceleration (IOA) software
- Developed Storage Media Encryption (SME) software for which provides encryption of data-at-rest as a fabric service with a centralized solution for encryption key lifecycle management
- Created DCNM Dashboard displaying fabric health, data visualizations, network topology maps, Top 10 charts, temperature monitoring, etc. for quick at-a-glance situational awareness on a fabric
- Granted patent related to distributing encryption keys for data at rest amongst smart cards (US8855318B1)
- Javascript, Dojo, Actionscript, MXML, Adobe Flex, Java, EJB, JSP, ElasticSearch, OpenTSDB, PostgreSQL, Oracle

Software Engineer

TierraNet 📅 04/2002 - 06/2005 📍 San Diego, CA

Web hosting and domain registration company based in San Diego

- Created account control panels for web hosting, domain registration, and internet service providing
- Developed pages for account management, remote website file management, customer support apps, account statistics, and more
- Built modules for domain registration, communication with the registry, and other domain management aspects

Web Developer

University of California San Diego 📅 10/1999 - 03/2002

📍 San Diego, CA

StudentLink, the online registration website at UCSD

- Developed pages for class scheduling, grade checking, obtaining or updating personal information, class lists, required textbooks, and more
- Improved UI/UX across site

TECHNOLOGIES

Front End

JavaScript/ES6 React HTML5

CSS3 jQuery Less Webpack

Babel

Back End

Node.js Express MongoDB SQL

ElasticSearch Redis npm

Other

Git AWS Twilio Trello Jira

Google Maps API ArcGIS API Mocha

Chai Jest Auth0

EDUCATION

BS, Computer Science

University of California, San Diego

📅 1997 - 2002

ONLINE



Linked In

<https://www.linkedin.com/in/jason-mellblom-26a17b169/>