

## Randal Sartor

Boston, MA

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## Full Stack Software Engineer

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With a background in operations management and 4 years of experience as a full stack software engineer, I bring a unique blend of technical expertise, adept problem-solving skills, and strong commitment to mission-driven work. I have successfully developed and deployed robust applications to solve real world problems and am continually learning and adapting to new technologies. I'm seeking leadership responsibilities where I can grow in the areas of architectural design and scalability to drive positive, sustainable change.

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## Skills

**Front-End:** JavaScript, Typescript, React, Next.js, React Native, Apollo Client, Redux, Jest, React Testing library, Cypress

**Back-End:** Node.js, Nest.js, Express, GraphQL, Sequelize, Mongo, SQL, Postgres, Redis, ElasticSearch  
AWS (Lambda, Serverless, CloudFormation, ECS, CloudWatch, Systems Manager)

**Development and Deployment Tools:** Git, GitHub, Github Actions, Docker, Drone, Snyk, Postman

## Experience

### Robin Healthcare

**Berkeley, CA**

#### Software Engineer

**May 2019 - April 2023**

- Led team building a medical scribe training application (React, GraphQL, Nest.js, AWS), cutting onboarding time for hundreds of medical scribes from several months to two weeks. Responsible for the planning, development, and code review of all features and maintenance
- Designed, built and maintained the logic for an E&M billing code calculator which became the company's core intellectual property and increased company's revenue by 5x
- Developed clinic scheduling ETL pipeline using AWS Lambda to synchronize HL7 and FHIR data into the company's databases
- Regular contributor to Nest.js internal GraphQL API, responsible for querying and mutating data and authorization access across 10+ services and applications
- Assisted in refactoring multiple production repositories into an NX mono-repo and maintained repositories' package securities and vulnerabilities using Snyk
- Built out front and back-end unit and integration testing suites using Jest and React Testing Library for over 90% test coverage
- Generated weekly medical coding reports of internal records for third party auditors using AWS Lambda and Google Sheets integration

- Built and maintained content and features for Scribe and Physician applications, allowing users to capture data to generate relevant HCPCS, ICD-10 codes, and medical note documentation

## **Harnas Wildlife Foundation**

**Omaheke, Namibia**

### ***Operations Manager at wildlife sanctuary***

***May 2017 to March 2018***

- Led animal care-taking and supervised the training and daily protocol of all volunteers working at foundation, including animal introductions, feeding processes, and safety protocols
- Worked with CEO to redefine employee standards and improve volunteer program efficiency and morale by implementing weekly performance meetings and more transparent management-to-volunteer communication

## **Fresh Truck**

**Boston, MA**

### ***Operations Manager at food-access non-profit***

***August 2015 to May 2017***

- First employee for the non-profit start-up and led all aspects of operations including: company inventory and supply chain management; employee hiring and management; bus fleet maintenance and renovations; and operating high-volume retail markets
- Quadrupled company's operating budget from \$150K to over \$1M and grew from two employees to 10+, expanding food access in the Greater Boston area

## **Education**

### **Thinkful**

**Boston, MA**

#### ***Full-Stack Engineering Immersion***

***October 2018 - March 2019***

- Learned industry best practices and practical software development standards with a focus on HTML5, CSS3, JavaScript, jQuery, Node.js, React, Redux, and algorithms & data structures
- Created and deployed mobile-first applications while learning new languages and frameworks by collaborating several hours every week with a senior web developer

### **Le Wagon Coding Bootcamp**

**Milan, Italy**

#### ***Full-Stack Web Development***

***May - July 2018***

- 9-week intensive coding bootcamp learning HTML, CSS, Bootstrap, JavaScript ES2015, SQL, Ggit, GitHub, Heroku and Ruby on Rails. Designed, implemented, and shipped to production a clone of AirBnB

### **Northeastern University**

**Boston, MA**

#### ***Bachelor of Arts in Philosophy***

***2010 - 2015***

#### ***Bachelor of Arts in International Affairs***

#### ***Minor in Italian***