Yusuf Musleh

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EDUCATION

Carnegie Mellon University

B.Sc. in Computer Science   2012 – 2016
  • Minor in Business Administration

QUALIFICATIONS SUMMARY

Programming Languages: Python, Javascript

Backend: Django, ElasticSearch, Postgres, Redis, Celery, WebSockets

Frontend: React, Webpack, React Native

Devops: AWS (ELB, RDS, EC2, S3), DigitalOcean, Heroku, Docker

WORK EXPERIENCE

Meddy

Backend Software Engineer   Dec 2018 – Present
  • Designed and developed main search feature on website allowing users to search for doctors, clinics, specialties and treatments (+50k searches performed since launched)
  • Deployed ElasticSearch as a micro-service to be used for search, synchronizing the data between the database and index as they change and through cron jobs for reindexing for near realtime updates
  • Taken full ownership of search, continuously improving it, keeping track of new use cases and issues, figuring out ways to resolve them while maintaining search availability/performance/accuracy
  • Redesigned and implemented a new ranking algorithm for doctors shown on the listings page utilizing multiple variables and introducing decay
  • Implemented automated clinic reminders that call clinics about bookings that remained unhandled for some time reducing load on support team and saving them ~2hrs daily
  • Implemented automatically generated weekly clinic performance reports for the sales team including stats about the clinic's bookings, page views, conversion rates and more
  • Developed the automated invoicing system that generates and sends monthly invoices to our paying clinics
  • Successfully migrated our whole infrastructure to a different AWS region closer to our user base with minimal downtime and no data loss, improving our latency

Verboze

Co-Founder / Software Engineer   Dec 2017 – Dec 2018
  • Designed and developed Token creation/authentication logic used for both the API and Websockets (Django)
  • Developed websocket communication backend that handles all the routing of different messages (Django)
  • Optimized frontend of asset heavy demo page to drop page size drastically lowering load time (React/Webpack)
  • Collaboratively built out Verboze mobile app and maintained Verboze Controller (React Native)
  • Deployed and maintained Sentry logging system on DigitalOcean instance to log/track bugs on Web and Mobile
  • Built out a real-time dashboard providing a holistic view of hotel for staff, showing room orders and status (React)
  • Collaboratively developed deployment manager internal tool to allow us to perform/keep track of deployments of our hardware

Drchrono

Full Stack Engineer   Apr 2017 – Dec 2017
  • Designed and implemented patient data xml export scheduling feature allowing doctors to export selected patient data on the spot, schedule it on a specific date and time, or schedule a monthly/weekly recurring export. As well as filtering data to be within a given date/time range
  • Developed patient data exports dashboard to show status of scheduled and previous exports, with the ability to archive them.
  • Provided backend end-points to meet the needs of the iOS team (Python/Django)
  • Wrote tests to help improve the overall test coverage of the code base

Stellic

Software Engineering Intern   May 2016 – Sep 2016

PROJECTS

GitBit: SlackBot allowing developers to reference code from Github within Slack
News Aggregator: Chrome Extension that Aggregates News (200+ users on Chrome Store)