Ben Gardner

Full Stack Software Engineer

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github.com/unshift | linkedin.com/in/gardnerbenjamin

Experience

Deloitte Consulting LLP
Full Stack Software Engineer

Oct 2018 - current
https://www2.deloitte.com

- Developed a data discovery platform called MissionGraph which is now a core product in Deloitte's offering portfolio
- Used a modern stack comprised of React, Redux, Typescript, and Apollo on the frontend and GraphQL Node.js/Java microservices on the backend
- Streamlined and modularized the React UI and drove architectural choices that culminated in winning a 10 million dollar contract
- Built backend microservices written in Node.js and Scala to support data ingestion
- Optimized Cassandra/Gremlin queries for production and seamless deployment using Jenkins X and Kubernetes

RTO Insider
Technical Director

May 2016 - Oct 2018
https://www.rtoinsider.com

- Developed and maintained the technology stack supporting RTO Insider, a trade publication covering the electric power markets
- Improved operations efficiency by migrating the production story budget to Airtable and integrating Airtable's REST API with AWS Lambda
- Developed a Microsoft Teams chatbot that notifies reporters of changes to the publication budget (Node.js/AWS Lambda)

University of Pennsylvania
Research Assistant

Jun 2013 - Jun 2015
http://upenn.edu

- Conducted original scientific research in sleep and circadian neurobiology investigating the mechanism of action of general anesthetics
- Published a first-author paper entitled "Sleep Homeostasis and General Anesthesia: Are Fruit Flies Well Rested after Emergence from Propofol?" in the journal Anesthesiology

Portfolio

- ContentKit (github) - Headless CMS as a service developed with a React/Typescript/Redux/Apollo frontend and a GraphQL backend deployed to Kubernetes
- Namewhisk (github) - A whimsical startup name generator which leverages Redis, AWS Lambda, and AWS IOT
- Saffron (github) - Convert LaTeX to PDF via AWS Lambda with WebSocket powered progress indicator

Education

David Geffen School of Medicine at UCLA
M.D. Degree (Withdrew) - Medicine

Aug 2015 - Jun 2016

St. John's College
B.A. Degree - Philosophy, GPA: 3.9

Jan 2008 - Jun 2011

Skills

- Web Development - HTML, CSS, Javascript, Typescript, React, GraphQL
- Node.js - Express, Electron, Webpack
- AWS - EC2, S3, RDS, Lambda, SNS, CloudFormation
- DevOps - Kubernetes, Helm, Docker
- Database - PostgreSQL, Cassandra, Redis