KEN ZHONG Software Engineer

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EXPERIENCE

Blink Health, New York, NY   February 2019 – present
Software Engineer
- Built and maintained features as a full-stack software engineer using Python 3/Django, React/Redux, and PostgreSQL.
- Integrated internal Python microservices utilizing webhooks and AWS SQS queues for messaging.
- Implemented a new frontend API querying library and frontend cache in a large refactor/rewrite of internal pharmacy web app using React.
- Lead the development of a beta version of our front-end consumer pharmacy experience in main React/Redux desktop codebase.
- Performed code reviews and mentored more junior developers.

SumZero, New York, NY   January 2018 – February 2019
Software Developer
- Developed and owned features as a full stack engineer utilizing Ruby on Rails, JavaScript, React, MySQL, and GraphQL.
- Rewrote main search functionality with a multi-index ElasticSearch model, significantly improving both querying speed and result accuracy.
- Lead development of data portability and data deletion functionality in compliance with GDPR privacy laws.
- Converted Angular 1.x components and RESTful API controllers into React/Apollo frontend components and GraphQL API endpoints.
- Wrote backend unit tests with RSPEC and frontend tests with Jest, Enzyme, and Storybook, improving test coverage and app reliability.

Microsoft, Washington, D.C.   September 2013 – September 2014
U.S. Government Affairs, Public Policy Associate
- Researched and drafted memoranda on regulatory and policy issues in privacy, cyber-security, government surveillance, and telecommunications in support of Microsoft's policy outreach.
- Created and maintained internal legislative tracker to monitor and analyze Congressional legislation on government surveillance programs and privacy reform.

SKILLS

Languages: JavaScript, Python, Ruby, SQL, GraphQL, HTML5, CSS/SCSS

Frameworks: Apollo GraphQL, React/Redux, Ruby on Rails, Django, Node.js/Express

Tools: Docker, Jest/Enzyme, RSpec, Pytest, jQuery, Material-UI, Bootstrap

EDUCATION

Columbia University, New York, NY, *Juris Doctor, May 2013*
Science and Technology Law Review, Lawyering in the Digital Age Clinic, Unemployment Action Center

University of California, San Diego, CA, *Bachelors in Economics, cum laude, June 2010*
Honors: Phi Beta Kappa Honors Society, Provost's Honors List