KARA KELLEY

SOFTWARE ENGINEER

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✚ SUMMARY

Polyglot software engineer & consultant with experience delivering quality solutions at every layer of a technical stack, and at every phase of a product's lifecycle whether it be legacy code system or greenfield development. As a curious person, learning new technologies keeps me excited and allows me to consistently level up my skills. I hope to join a team that values continuous learning, mentoring, and crafting robust, reliable software.

✚ EMPLOYMENT

Senior Software Engineer, *8th Light*, Chicago, IL   July 2019 - Current
- Built and deployed robust and reliable software for several different clients using various technologies
- Currently working with a global financial institution to implement gRPC microservices using Elixir & PostgreSQL
- Re-platformed a Ruby/Sinatra + Elm application using Elixir, Phoenix, & LiveView for a global financial institution
- Built an e-commerce platform that connects suppliers, dealers, OEMs, and contractors to buy and sell equipment using Elixir, Phoenix, ElasticSearch, and PostgreSQL
- Developed features for an SSO-like service to provide a uniform experience across various customer facing applications using Scala
- Assess job applications, applicant code samples and conduct interviews with potential new hires for 8th Light

Software Engineer, *8th Light*, Chicago, IL   July 2018 - July 2019
- Built and deployed robust and reliable software for several different clients using various technologies.
- Worked with a fin-tech company for 1.5 years where I help developed features for new and existing microservices & apps using technologies including but not limited to Scala, Akka, RabbitMQ, Redis, Docker, and SQLServer.
- Built MVP marketing service tool to market services to new customers using Scala & RabbitMQ
- Responsible for maintaining 50+ microservices in Scala
- Technical code reviewer for candidates applying for roles at all technical levels
- Teach 8th Light apprentices and client developers best practices for clean, adaptable and readable code

Apprentice, *8th Light*, Chicago, IL   Jan. 2018 - July 2018
- Learned how to write clean, robust and thoroughly tested software in the 8th Light apprenticeship program with the aid of my two mentors.
- Throughout the apprenticeship, I learned several programming languages including but not limited to: Ruby, Clojure, Scala, & Java.

Dev Bootcamp, *Student*, Chicago, IL   June 2017 - Oct. 2017
- Learned and practiced the fundamentals of computer science, full-stack web development, pair programming, and engineering empathy
- Developed and deployed multiple full scale web applications following MVC design patterns and RESTful architectures

Supervisor Probation Officer & Director of C.A.R.E., *Hamilton County Department of Probation*, Noblesville, IN   Dec. 2014 - Mar. 2017
- Led and managed a team of 5 probation officers
- Served as the director of the court alcohol and drug program (C.A.R.E.) and oversaw daily administration of the program

Certified Probation Officer, *Hamilton County Department of Probation*, Noblesville, IN   Aug. 2012 - Dec. 2014
- Interviewed and assessed probationers daily by completing thorough biopsychosocial assessments
- Promoted to Director of the C.A.R.E. Program in December 2014

✚ EDUCATION

Dev Bootcamp
Intensive Software Engineering Program

Ball State University
Bachelor of Social Work

✚ SKILLS

LANGUAGES & FRAMEWORKS: Elixir, Scala, Ruby, Phoenix, AWS, Play! Framework, SQL, PostgreSQL
METHODOLOGIES: Test Driven Development, Agile Development, Continuous Integration
MANAGEMENT: Team leadership, Conflict resolution, Communication, Collaborative problem solving, Mentorship

✚ ACTIVITIES

Mentor   Jan. 2019 - Current
Supervise training of individual apprentices in the 8th Light apprenticeship program by pair programming, assigning reading, giving code reviews and directing their learning path.