Krishnan Rajiyah

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EDUCATION

UC, BERKELEY
BA in Computer Science
May 2018 | Berkeley, CA

LINKS

Github:// **krajiyah**
LinkedIn:// **krishnanrajiyah**

AWARDS

MONEY2020 HACKATHON
Visa Challenge: 3rd place, Best Pitch
Award

SKILLS

LANGUAGES

Over 5000 lines:
GoLang • Kotlin • Java • Scala • Python •
JS
Over 1000 lines:
Typescript • Ruby • Groovy • C# • C++
Familiar:
PHP • Shell (Unix)

FRAMEWORKS

Docker • Kubernetes • Jenkins • React
Native • NodeJS • Ruby on Rails •
AngularJS • MEAN Stack • jQuery •
PolymerJS • OpenStack • Android

SERVICES

Proficient:
AWS • GCP • Azure • Heroku • Firebase
• Parse

WORK EXPERIENCE

WORKDAY NEXT | Software Engineer P3
July 2019 - Present

- **Promotion:** In 2019, Workday acquired Trusted Key, and as a result I got promoted to P2
- **Promotion:** In 2020, I got promoted to P3
- Primarily worked on our Credential Platform which was the core backend service for our verifiable credential technology. Contributed lots GoLang code which I heavily unit, integration, and system tested before it made it to production.
- Worked on automating our mobile and backend end to end system tests with Calabash, Cucumber, and Jenkins
- Implemented performance tests for our Credential Platform using Gatling + Scala, and automated pipelines for these on daily basis using Jenkins
- Made open source contributions to the verifiable credentials community w/ an implementation of PNG iTXT packet extraction from credential badge images.

TRUSTED KEY | Software Engineer
May 2018 - July 2019

- **Patent:** Primary author for the "SYSTEM AND METHOD FOR ACCESS USING A CIRCLE OF TRUST" (Workday File No: WORKP216, U.S. Patent Application No: 16/918968, Filing Date: July 1st, 2020)
- **Patent:** Primary author for the "ACCESS CONTROL USING A CIRCLE OF TRUST" (Workday File No: WORKP253, U.S. Patent Application No: 16/918969, Filing Date: July 1st, 2020)
- **Patent:** Secondary author for the "SYSTEM AND METHOD FOR AUTHENTICATING A USER AT A USER APPLICATION USING A CREDENTIAL ACCESS APPLICATION AND AUTOMATICALLY REDIRECTING TO A TARGET APPLICATION" (Workday File No: WORKP250, U.S. Patent Application No: 16/854474, Filing Date: April 21st, 2020)
- Sole developer for the developer portal. Built from the ground up using React, Python, Django, and PostgreSQL
- Implemented OpenID Connect (OIDC) / OAuth backend services on top of an Ethereum blockchain ledger
- Implemented rich monitoring, metering, and logging solutions using Prometheus and the ELK stack (Elasticsearch, Logstash, and Kibana)
- Attended NHISAC security conference to help demo our product to customers
- **Leadership:** Recruited + Mentored interns from Berkeley

MOBILE DEVELOPERS OF BERKELEY | VP of Development
Aug 2016 - May 2018

- **Leadership:** Lead about 7-8 different development teams into driving success for their product launches and assisted technically wherever teams needed me. Ran seminars and did sprint planning with each dev team.
- Contributed to paid customer contracts that MDB signed with.
- Worked on a variety of fullstack mobile projects which we published to the app stores