

Core Value

Swiftly deliver identity and product focused software systems in a collaborative and maintainable style.

Awards and Certifications

Ping Identity Excellence Award | Capital One TechX Finalist | UC Berkeley Fung Alumni Award
Ping Identity Certified Professional – Ping Federate | AWS Certified Solutions Architect | CompTIA Security+

Technical Skills

Java | JavaScript | Python | Reactive and Event Driven Programming
Build Tooling | Automated Quality Assurance | Automated Deployments | Cloud | Software Architecture
TLS/mTLS | HTTPS/Tunneling | SOAP | OAuth2 | OpenID Connect | SAML | FIDO2 | Access Control
Splunk | Docker | PingFederate | AWS ECS | Github Actions

Experience

Lively, Inc.

May 2022 – Present | San Francisco | Full Time

Software Engineer

Engineering Platform and Card Services

- ⊕ Implemented B2E software interfaces, opening new avenues of automation for card operations tasks.
- ⊕ Enhanced B2B network integrations, eliminating stolen credential risk and enabling card quality assurance.
- ⊕ Elevated devops excellence by driving new cloud integrations, upgraded build tools, and SSO best practices.
- ⊕ Drove new SIEM capabilities using Splunk, resulting in 30% enhanced engagement in observability.

Fannie Mae

Jan 2022 – May 2022 | Reston, VA | Full Time

Software Engineer

Mortgage Commitment and Delivery

- ⊕ Implemented application integrations across multiple legacy and next-gen Java applications.
- ⊕ Enhanced reliable and secure enterprise messaging leveraging JPA, JAX, and Tibco EMS.

Capital One

Feb 2019 – Jan 2022 | McLean, VA | Full Time

Software Engineer → Senior Software Engineer Workforce Authentication (SSO) and Machine Learning as a Service

- ⊕ Orchestrated an award-winning, cloud-native deployment of PingFederate, serving over 1000 clients.
- ⊕ Spearheaded an exploratory StrongKey FIDO2 Server (SKFS) deployment for passwordless authentication.
- ⊕ Reduced workforce SSO cost by 90%, maintaining high security standards and seamless user experiences.
- ⊕ Fostered collaboration and teamwork focused on key business and technical topics.
- ⊕ Implemented cutting-edge machine learning capabilities for Capital One's MLaaS Platform.

Education

UC Berkeley

Master of Engineering, Industrial Engineering and Operations Research

Jun 2017 – Jun 2018 | Berkeley, CA | Full Time

UC Santa Barbara

Bachelor of Science, Statistical Science

Jun 2014 – Jun 2016 | Santa Barbara, CA | Full Time