# Segev Malool

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## 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

TypeScript | Java | Python | Reactive Programming | Spring Framework | FastAPI

Build Tooling | Quality Control | Automated Deployments | Cloud | MicroServices

OAuth2 | OpenID Connect | SAML | FIDO2 | Access Control

## Experience and Education

**Fannie Mae**                                    Jan 2022 – Present | Reston, VA | Full Time

**Full Stack Software Engineer, Multifamily Aquisitions**

- ⊕ Developed and deployed full stack application components in Amazon Cloud (Java/Spring, Javascript/Angular).
- ⊕ Drove dev tools improvements (Gradle/Spotless) and functional testing (Cucumber/Karate/Selenium).

**Capital One**                                    Feb 2019 – Jan 2022 | McLean, VA | Full Time

**Developer Academy → Associate Software Engineer → Senior Software Engineer**

- ⊕ Developed and deployed full stack application components in Amazon Cloud (Python, Javascript).
- ⊕ Led an award winning deployment of PingFederate in Amazon Cloud.
- ⊕ Led an exploratory StrongKey FIDO2 Server (SKFS) deployment in Amazon Cloud.
- ⊕ Cut cost of delivery for Single Sign On infrastructure by over 70%.
- ⊕ Provided integration support and on-call incident response.
- ⊕ Drove adoption of authentication best practices for over 1100 business applications.
- ⊕ Drove adoption of devops, source control, and AWS well-architected framework.
- ⊕ Facilitated teamwork and collaboration around key technical issues.

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

**Master of Engineering, Industrial Engineering and Operations Research**

- ⊕ Completed interdisciplinary team projects in business and engineering.
- ⊕ Completed coursework in data science, probability, and optimization analytics.
- ⊕ Worked to improve detection of arrhythmias in electrocardiogram data.

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

**Bachelor of Science, Statistical Science**

- ⊕ Completed core coursework in probability modeling, statistical data analysis, and experiment design.
- ⊕ Completed elective coursework in data mining, time series, formal languages, and graph/network theory.