Segev Malool

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(925) 255-3481

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 | TypeScript | Python | Reactive Programming | RxJS | 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

⊕ Enabled modernization by developing features for multiple applications.

⊕ Drove adoption of enterprise patterns, resulting in savings of thousands of developer hours.

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.