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# JACOB STARK

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## SUMMARY

Software engineer with over 10 years of experience in web/mobile engineering, product design, cloud-native infrastructure, and backend development. Proven ability to deliver high-impact features for consumer apps in a collaborative environment. Committed to continuous learning and skill enhancement to drive project success.

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## TOP SKILLS

- Web/mobile development: React Native/Expo, React/Remix, Node.js, HTML, CSS
- Programming languages: TypeScript, Java, Python, C++, C, and Bash
- Operating Systems: Unix and Windows
- Cloud platforms: AWS and GCP (Terraform)

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## EXPERIENCE

**Senior Product Engineer** / Barcom Trading - San Francisco, CA

05/2025 - 12/2025

- Lead product, data science, and engineering to deliver impactful, data-driven onboarding features for a trading platform with millions of users.
- Oversaw the engineering and operations of a trading application's customer support portal and launch waitlist, as we prepared to scale the user base to 200 million.

**Senior Software Engineer** / Slingshot Finance - San Francisco, CA

03/2021 - 05/2025

- Designed and maintained a cloud-native organization from scratch.
- Established cloud security best practices during a period of significant market exploits, preventing fund losses.
- Designed and implemented a highly available state machine, managing over \$5 billion in volume

**Cloud Software Engineer** / Samsung - SmartThings - Minneapolis, MN

10/2019 - 03/2021

- Designed APIs for microservice architecture, streamlining integration capabilities.
- Orchestrated cloud-native database migrations with thousands of transactions per second.
- Maintained core data management that processed over 100,000 events per second via Kubernetes clusters.

**Cloud Software Engineer** / IBM - Rochester, MN

07/2017 - 10/2019

- Delivered internal apps to migrate enterprise clients to SoftLayer, AWS, and Azure.
- Achieved a 30% reduction in total build time by streamlining processes and implementing automation.
- Developed a machine learning solution for web security, integrated into the Watson Security suite.
- Created an internal blog template for IBM's Employee Skill Development program, utilized by thousands of global employees.

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## EDUCATION AND TRAINING

**Bachelor of Science**: Computer Engineering

05/2017

University of Minnesota Twin Cities