# James Fulford

Driven Software Engineer (7 years) and Tech Lead (5 years) seeking rewarding remote role
Experienced in: Leading Teams, System Design, Front-end Engineering, API Development, Automated Testing, Security

## Experience

**Senior Software Engineer (contract through Jan '25), FINRA, Remote USA**          07-24 to **now**
- increased 3-member team's output by 100% within a month of being hired based on sprint velocity
- designed systems, reviewed with architect, and implemented full-stack features using system design
- collaborated with UX, Product, QA, and Devs through and outside of Scrum ceremonies

**Technical Leader (Member of Technical Staff 2), eBay, Remote USA**          03-23 to 02-24
- owned design and adoption of framework to migrate custom UIs to cloud vendor in a large department
- spearheaded technical evaluation of cloud Contact Center vendor offerings and APIs
- initiated Vite and Vitest tooling adoption in department, reducing dev feedback time by 90%
- reduced time to display AI Summary by 90% (6s to 0.6s) for 6000+ service agents, saving $1.5M+ yearly

**Founder and CEO, An Ounce of Silver Technologies, Remote USA**          11-21 to 02-23
- achieved 66% ROI during 2022 as solo quantitative analyst and Technical Analysis algorithmic trader
- researched, back tested, deployed, and monitored Python stock trading algorithms

**Software Engineer (Grade 8), Cisco, Remote USA**          10-18 to 12-21
- demonstrated work ethic, quality, and timeliness, leading to 2 promotions in 3 years
- designed and delivered scalable webhook system as tech lead of 6 engineers
- directed quality delivery of an API gateway and designed enhancements as tech lead of 2 engineers
- completed API project early as leader of 4 engineers in an unfamiliar codebase
- delivered commitments plus 200+ legacy bug fixes in 4 months on reporting product as lead of 7 UI engineers
- groomed backlog with PM, refined designs with UX, and served as Security Champion for several teams
- prototyped a Tableau data integration and a micro-frontend framework with Web Components
- set-up PagerDuty on-call rotation, alerting, dashboards, and incident runbooks with log queries
- completed UI tasks quickly on legacy apps, leading to on-time delivery of aggressive deadlines

**Release Engineer, C Squared Systems, Auburn NH**          11-17 to 09-18
- manually deployed and validated software updates to client servers during night shift
- initiated automating tests and report generation, doubling number of releases per night

## Education

| | | | | |
|---|---|---|---|---|
| Harvard Extension School (online) | Masters | Information Systems Management | 4.0 | 08-18 to 11-21 |
| Charter Oak State College (online) | Bachelors | Business and I.T. | 4.0 | 06-18 to 12-18 |
| Rivier University | Bachelors | Mathematics | 3.99 | 09-14 to 05-17 |

*Coursework: NLP, Deep Learning, Azure Cloud Computing, Strategic Decision Making, Agile Principles*

## Portfolio

**Cashflow Projector**: Personal Finance local-first site for budgeting your future          2018 to 2024
- beta tester feedback: "I just saved $5k because of this tool; before, I had trouble breaking $2k!"
- explored Product Engineering using user feedback, freelance UX input, and an ordered backlog

**Medium Author**          2019 to 2022
- expressed ethic of ownership in 3 Steps for Fixing Mistakes at Work
- articulated Automated Testing philosophy in Testing React Hooks
- underscored the importance of interfaces and type-checking in The Worst Part of Angular
- corrected common React code pattern in useTime() React Hook

**Is It Shabbat? Web, Android, and iOS App**          2018 to 2022

## Skills

TypeScript, Python, JavaScript, Node.js, Java, Bash, GraphQL, SQL, HTML5, CSS3, React, React Native, Expo, Lit, Django, Spring, Angular (16+), Redux, MUI 5, Gatling, Vite, Vitest, Cypress, Jest, MongoDB, MySQL, Elasticsearch, Kafka, Redis, OAuth2, Docker, Kubernetes, Istio, Vercel, AWS CloudFront + Lambda + API Gateway, Linux, Jenkins, Splunk, Prometheus, Grafana, PostHog, Git, Jira, Agile, Scrum, Deep Learning, Natural Language Processing, Threat Modeling

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