# Chase Ripplinger

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## Technical Skills

Java, Golang, Node.js, JavaScript, TypeScript, Spring, Spring Boot, Hibernate, React, Vue, Angular2, AWS, Kubernetes, Docker, Microservices, CI/CD, Terraform, Ansible, Git, Linux, SQL, PostgreSQL, Redis, Kafka, RabbitMQ, Ethereum, Bitcoin, Smart Contracts, TDD, Unit Testing, E2E

## Professional Experience

**Katyella (General Consulting)** – *Senior Software Engineer – Remote*                03/2024 – 08/2025
- Delivered Java modernization initiatives for Fortune 500 financial services bank, GDPR-compliant SaaS platform, and Library of Congress government contract
- Led Java 1.8 to Java 22 modernization and on-premise to AWS cloud migration of 15+ Spring Boot microservices, reducing infrastructure costs by 40% and achieving 99.99% uptime
- Architected configurable validation framework replacing legacy hard-coded system, reducing validation rule deployment from 2 weeks to 30 minutes with zero regression defects
- Implemented royalty calculation features processing $2B+ annually across 50M+ tracks, ensuring accurate payments to artists and labels
- Transformed PM whiteboard concepts into production-ready solutions for Fortune 50 clients, managing full SDLC from requirements gathering to deployment

**Early Warning Services (Zelle)** – *Senior Software Engineer – Phoenix, AZ (Hybrid)*                08/2023 – 03/2024
- Developed microservice end-to-end in a 5-person team to modernize fraud risk modeling and improve code maintainability (Java/Spring)
- Refactored fraud risk scoring models with clean interfaces and unit tests
- Designed/Implemented new Phone Number disconnection API integration as the old integration was being turned off, worked with BA/Stakeholders to get security approach approved and deployed to production

**Qtum Foundation** – *Lead Developer – Remote*                03/2021 – 07/2022
- Designed and implemented a complete cross-chain development solution, an api translation service (github.com/qtumproject/janus), a JavaScript library for raw Bitcoin transaction manipulation with smart contracts (github.com/qtumproject/qtum-ethers)
- Represented team at Consensus 2021/2022 in Austin, TX

**Chicago Mercantile Exchange (CME)** – *Consultant – Chicago, IL (Remote)*                04/2020 – 03/2021
- Built critical pricing alerts application for forex trading desk that monitored currency exchange rates against SLA thresholds, enabling proactive manual currency rate entry upon failure, minimizing trading disruptions (Java/Spring)

**Healthereum** – *Lead Developer – Remote*                01/2018 – 01/2020
- Led development of HIPAA-compliant peer-to-peer healthcare platform using Go, libp2p, and Protobuf to reduce patient no-shows through incentivization, architecting secure self-hosted solutions for healthcare practices
- Built full-stack P2P integration system connecting React frontend to distributed backend network and Allscripts FHIR API, enabling secure appointment data synchronization across decentralized healthcare provider infrastructure

**ItemMaster** – *Senior Software Engineer – Chicago, IL*                12/2016 – 01/2018
- Architected and led comprehensive microservices API modernization initiative, designing high-performance Redis-based caching layer over a new item service api resulting in 10x+ performance gains

**ICF Olsen (Consulting)** – *Java Web Developer – Chicago, IL*                05/2015 – 12/2016
- Designed and executed enterprise-scale CMS migration of 10,000+ webpages pages from Freemarker to Adobe AEM, designing custom parsing engine and mapping system to achieve near-perfect accuracy with minimal post- migration adjustments, eliminating months of manual migration work

**Entrepreneur** – *Founder & Lead Developer – Remote*                05/2015 – 04/2020
- Journal Club Society: Solo built professional shared knowledge insights platform; tested market using lean startup mvp (Golang)
- Proxyshift: Solo built shift management solution (Postgres/Nodejs/RabbitMq/AWS/Ionic/Cordova) — ⊙ Code — 🌐 Demo

**McKesson** – *Software Engineer & Automated Testing Intern – Wheeling, IL*                05/2014 – 05/2015

## Education

**Northern Illinois University** – *Bachelor of Science in Computer Science – DeKalb, IL*                Spring 2015