

# Chase Ripplinger

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## Technical Skills

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**Languages:** Java, Golang, Node.js, JavaScript, TypeScript

**Frameworks:** Spring Boot, Hibernate, React, Microservices Architecture

**Cloud & Infrastructure:** AWS, Kubernetes, Docker, CI/CD, Terraform, Ansible, Git, Linux

**Data & Messaging:** PostgreSQL, Redis, SQL, Kafka

**Distributed Systems:** Blockchain, Ethereum, Bitcoin

**Testing:** TDD, Unit Testing, Integration Testing

## Professional Experience

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**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
- Architected configurable validation framework replacing legacy hard-coded system, reducing validation rule deployment from 2 weeks to 30 minutes with zero regression defects (Java)
- Implemented royalty calculation features processing \$2B+ annually across 50M+ tracks, ensuring accurate payments to artists and labels (Java)
- Transformed PM whiteboard concepts into production-ready solutions for Fortune 50 clients, managing full SDLC from requirements gathering to deployment (Java/React)

**Early Warning Services (Zelle)** – Senior Software Engineer – Phoenix, AZ (Hybrid)

08/2023 – 03/2024

- Modernized legacy fraud risk scoring platform processing millions of requests daily, developing microservices architecture to eliminate technical debt and standardize fraud risk scoring across the entire platform (Java/Spring/Kafka)
- Implemented critical Phone Number disconnection API integration replacement under tight deadline, collaborating with security stakeholders to ensure compliance and zero-downtime production deployment (Java/Spring)

**Qtum Foundation** – Lead Developer – Blockchain Infrastructure – Remote

03/2021 – 07/2023

- Architected cross-chain development platform enabling Ethereum ecosystem compatibility with Bitcoin UTXO model, built API translation service and JavaScript SDK – [🔗 Janus](#) (Golang) – [🔗 qtum-ethers](#) (Typescript)

**Chicago Mercantile Exchange (CME)** – Consultant – Chicago, IL (Remote)

04/2020 – 03/2021

- Built pricing feed failure alerts system for forex trading desk processing 1M contracts a day, enabling real-time SLA monitoring (Java/Spring)

**Healthereum** – Lead Developer – Remote

01/2018 – 01/2020

- Led development of HIPAA-compliant peer-to-peer healthcare platform to reduce patient no-shows through incentivization, architecting secure self-hosted solutions for healthcare practices (Golang/libp2p/Protobuf/React)
- 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 (React/Golang/libp2p)

**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 (Java/Spring/Angular2)

**ICF Olsen (Consulting)** – Java Web Developer – Chicago, IL

05/2015 – 12/2016

- Built CMS migration service processing 10,000+ webpages, eliminating months of manual work and achieving 99% migration accuracy (Groovy/AEM)

## Entrepreneur

- **Journal Club Society:** Academic literature review SaaS, PubMed integration with threaded discussions, voting system, and full-text search. Built in Google App Engine, ported to MongoDB/Redis with Claude – [🔗 Code](#) (AGPL) – [🌐 Demo](#) (Golang/Redis/MongoDB)
- **ProxyShift:** Shift callout SaaS – [🔗 Code](#) (MIT) – [🌐 Demo](#) (NodeJS/Ionic/PostgreSQL)

## Education

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