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PROFESSIONAL SUMMARY

Passionate full-stack software engineer and manager with 15 years of engineering experience and 7 years of engineering management experience, focused on building the future of Web3 and Crypto.

TECHNICAL SKILLS

Client: JavaScript, TypeScript, React, Redux, Next.js, TailwindCSS, GraphQL, Webpack, WebRTC, HTML, CSS/Sass

Server / Cloud: Node.js, Express, Go, Ruby, Java, Redis, Nginx, Bash, SQL, NoSQL, AWS, GCP, Docker, Terraform

Crypto / Web3: Solidity, Ethers.js, Viem, Web3.js, Hardhat, Truffle, Foundry, Remix, Solana/Web3.js

EXPERIENCE

Symphony | Senior Software Engineering Manager New York, NY - 2019 - 2024 (5 years)

- Led architecture, implementation, and deployment of core Node.js real-time messaging service on distributed auto-scalable AWS infrastructure, handling hundreds of thousands of events per second w/ <200ms end-to-end event distribution time, allowing the growth of the organization to hundreds of thousands of additional users.
- Architected / implemented high-frequency, low-latency Redis Streams event streaming microservice written in Go.
- Developed Jenkins CI/CD microservice pipeline infrastructure, distributing 30+ microservices across the org.

Symphony | Software Engineering Manager New York, NY - 2017 - 2019 (2 years)

- Managed 20 people, 3 cross-functional teams (Admin, Compliance, Apps/Bots) remotely across time zones.
- Implemented monitoring, incident management via Datadog / PagerDuty improving engineer response times 50%.

Symphony | Lead Frontend Software Engineer New York, NY - 2016 - 2017 (1 year)

- Architected + developed React / Redux implementation for primary Symphony client released to >500,000 users.
- Led design and coordination of frontend engineering in Admin Portal upgrade from Backbone.js to React / Redux.
- Solely designed and developed the Support Portal in React / Redux to enable real-time customer support.

Symphony | Frontend Software Engineer New York, NY - 2015 - 2016 (1 year)

- Led JavaScript / CSS component library development, improved UI/UX consistency, reusability, and performance.
- Developed dynamic multi-core web-worker cryptography algorithm, improved client CPU performance by 90%.

Bragd AS | Software Engineer New York, NY - 2012 - 2014 (2 years)

- Led website upgrade to AngularJS, content bundling via Browserify, reducing initial page load time by 80%.
- Implemented OCR technology to migrate paper-based accounting to cloud, drastically reducing data entry time.

EMI Music Publishing | Software Engineer / Project Manager New York, NY - 2010 - 2012 (2 years)

- Led MySQL database migration: >100,000 songs between EMI Records' and EMI Music Publishing's SQL dbs.
- Developed cross-application XML specifications leading to a 95% increase in speed of EMI's registration process.

EDUCATION

Hack Reactor | *Advanced Software Engineering Immersive* | San Francisco, CA 2014 - 2015

University of Southern California | *BS International Business* | Los Angeles, CA 2006 - 2010

Copenhagen Business School | *International Business and Entrepreneurship* | Copenhagen, Denmark 2009

OTHER

- Crypto user, developer, and advocate since 2017. Pioneer and user of decentralized exchanges since 2017 (Bisq).
- Rocketpool Ethereum node operator and active community / DAO member.
- Allora network advocate / node operator: self-improving on-chain decentralized artificial intelligence network.
- Rock climber, guitarist, songwriter, fly fisherman, baseball player, amateur astronomer, fluent in Norwegian.