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PROFESSIONAL SUMMARY

Passionate full-stack software engineer and manager with 14+ 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, Webpack, Angular, Backbone.js, 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, Web3.js, Truffle, Hardhat, Foundry, Remix, Solana/Web3.js

EXPERIENCE

Symphony | Senior Software Engineering Manager / Staff Fullstack Engineer New York, NY 2019-2024 (5 Years)

- Led architecture, implementation, and release of real-time Node.js messaging service on distributed auto-scalable AWS infrastructure, handling millions 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.
- Pioneered development of new CI/CD pipeline and infrastructure, decentralizing 30+ microservices across the org.

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

- Managed 20 people across 3 teams (Admin, Compliance, Apps/Bots) in-person, remotely, and across time zones.
- Established standards for resilience, performance, stability, alerting, logging, and testing of microservices.

Symphony | Lead Frontend Software Engineer New York, NY 2016-2017 (2 Years)

- Architected and 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)

- Developed dynamic multi-core web-worker cryptography algorithm, improving client CPU performance by 90%.
- Led development of internal JS / CSS libraries to improve consistency and reduce redundancy across client apps.

Bragd AS | Software Engineer / IT Consultant New York, NY 2012-2014 (2 Years)

- Led SQL DB migration, website upgrade, cloud-based accounting system to modernize company infrastructure.
- Automated manual tasks using Zapier webhooks for Mailchimp, LinkedIn, and Hipchat OAuth integration.
- Increased email list 300% to >1,000 recipients through developing product strategy & responsive email templates.

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

- Led SQL database migration: >100,000 songs between EMI Records' and EMI Music Publishing's databases.
- 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.