

Wil Wade

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Who I Am

I am driven to find a way to help the company and those around me to reach our goals. Through technology, people, policy, and more, the tools change, but the goal of getting the right things done to make an impact remains. I fill gaps and smooth the process because every part is important for the whole to be successful.

I can help you when you need someone who can...

- Consume new information at high speed
- Tackle the details of ambiguous goals without losing sight of the larger vision
- Extract patterns and solutions from existing systems
- Find new ways of looking at old problems
- Drive synthesis from a diverse set of ideas
- Build consensus while moving in multiple directions
- Discover multiple paths and communicate trade-offs

Engineering

I have over 15 years of engineering experience in a wide range of industries, scale, programming languages, and structures. From protocol engineering to CRUD, experience has taught me that successful technology fades to the background when it provides value to the users.

- Common Languages
 - JavaScript, TypeScript, Rust, Clojure, Kotlin, Elixir
- Speaking - QCon 2019: Systems Thinking
 - <https://www.infoq.com/presentations/thinking-methods-systems>
- Speaking - How to Program in Solidity
 - <https://youtu.be/LE7c7Ckd1pw>
- Blog - Incident Adventures: Imaginary Incidents to Prepare for Real Incidents
 - <https://www.incidentadventures.com>

Research & Product Development

I started with scientific research lab work with the USDA, but have done R&D for several companies since. I love tackling hard, ambiguous problems with multiple possible solutions each with multidimensional trade-offs.

- Blog - Introducing Frequency: A Polkadot Parachain
 - <https://forums.projectliberty.io/t/introducing-frequency-a-polkadot-parachain-f-or-scaled-messaging/235>
- Whitepaper - Decentralized Social Networking Protocol [Co-Author]
 - <https://github.com/LibertyDSNP/papers>

Management & Strategy

Communication builds management that enables teams to be successful. Getting to market can be a winding path. I answer the question of the steps along that path and build consensus up and down the organization to ship holistic features and products. I work at every level from hiring and policy to procedure and direct management. Together we can make a place where everyone is pulling in the same direction and empowered to do their best work.

- Speaking - Decoded 2023: Bringing the Decentralized Social Web to Millions
 - <https://youtu.be/Hcgs-THG2kw>
- Blog - What Are These \$%^&* Chores Doing in My Backlog!
 - <https://blog.carbonfive.com/what-are-these-chores-doing-in-my-backlog/>
- Blog - Models of Trust in the DSNP Ecosystem
 - <https://dsnp.org/blog/2024/02/09/models-trust-dsnp-ecosystem.html>

Employment History

Amplica Labs

Director of Software Engineering

<https://amplica.io>

2022-Current [Full-Time]

- Led the successful launch of Frequency, a custom Layer 1 blockchain with 500,000+ accounts migrated to it
- Managed growth of a team to 10+ members
- Designed and implemented innovative blockchain economic system that prioritized collaboration of system participants instead of competition
- Mapped vague company goals into actionable research and product initiatives.
- Navigated ethical and legal challenges in the realm of social media and web3 solutions
- Hosted public community calls for the DSNP and Frequency communities

2020-2022 Contractor [via Carbon Five]

- Designed a blockchain-based decentralized social networking protocol.
- Co-authored the whitepaper and protocol spec.
- Designed Ethereum Smart Contracts implementing the specification.
- Implemented a multilayer system evaluation process providing depth and visibility into all options.

Carbon Five

Director of Engineering

<https://www.carbonfive.com>

2016-2022

- Provided strategic leadership for the engineering discipline, including hiring and career development.
- Successfully led projects of various scales, showcasing adaptability.
- Rapidly acquired expertise in new domains, languages, and systems.

Consulting Project Highlights

- **First National Bank of Omaha [Lead]**
 - Successful development and launch of a consumer banking Android application
 - Training of new client developers
 - Successful cross-team and cross-department collaboration
- **Attune Insurance [Lead]**
 - R&D for new Intuit integration for direct-to-consumer business insurance purchasing
 - Successful launch of new portal for insurance agents
- **Coinbase**
 - Built a multi-chain financial index that was recorded by the Federal Reserve
 - Implementation of passive trading algorithms moving millions
- **Others**
 - Various startup product and feature launches in education, logistics, and SaaS products

OpenTable

Automation Engineer

<https://www.opentable.com>

2016

- Refactored and improved legacy code for SMS and Email based reservation tools
- Created microservice to provide forensic logging and continuous testing, reducing support time & cost
- Created support tooling to identify issues early
- Saved thousands of dollars by identifying and reducing messaging mistakes

SupplyHog

Senior Developer

<https://www.supplyhog.com>

2012-2016

- Developed SupplyHog, a startup ecommerce platform for building materials for contractors
- 500 Startups accelerator program participant
- Managed team of 1-2 developers
- Designed pricing engine to enable custom pricing formulas for products with millions of possible permutations

Prior Employment

- 2010-2012 US Department of Agriculture Agricultural Research Services
 - Physical Science Technician
- 2008-2010 Bryan College
 - Data Analyst

Education

BA, Mathematics, Bryan College 2008