

Mike McGranahan

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CORE VALUES customer focus, teamwork, objectivity, clarity, humility

Experienced software professional with a record of delivering complex projects on-time and guiding teams to higher output. Highlights: streamlining team collaboration at ServiceTitan by architecting next-gen widget framework with microfrontends; increasing Stack Overflow's ecommerce conversions 10% after retrofitting backend for A/B testing. After a productive foray into engineering management, excited to return to hands-on development.

EXPERIENCE

Oct 2022 to present ▪ Sabbatical ▪ *career break for full-time parenting*

- Prioritized family during a prime parenting year.
- Explored technical interests, e.g. F#, event-driven architecture, property-based testing.

Nov 2019 to Sep 2022 ▪ Multiple roles at **ServiceTitan** ▪ *trades industry operations SaaS*
TypeScript, C#, React, MobX, SQL Server, Cordova, Kibana, microservices, DDD, coaching
Jan 2021 to Sep 2022 ▪ Engineering Manager

- Owned the app's most utilized and complex screen and secured resourcing to optimize performance to keep pace with growth to 35k DAU and 2mm requests per day.
- Doubled output by coaching team to operate with ambiguity and to swarm aggressively.
- Championed morale through challenging roadmaps and team growth from 4 to 10 by celebrating wins, prioritizing 10%-time projects, and holding casual syncs.
- Ensured long-term success by educating on DDD/BDD and pushing domain training.
- Maximized impact and controlled execution of all development plans by building them around ruthlessly prioritized critical-path phases and optional opportunistic ones.

Nov 2019 to Jan 2021 ▪ Staff Software Engineer

- Raised the competitive bar and simplified user workflows by leading extensive monolith refactoring of core entities and schemas to decouple invoicing from scheduling.
- Halved sprint carryover by rebooting Scrum to properly track emergent work.
- Analyzed performance of critical queries and led prototypes of eager-read derivation CQRS replica and template- and SqlKata-based querying to circumvent inefficient ORM.

Mar 2018 to Nov 2019 ▪ Head of Engineering at **Reasi** ▪ *blockchain escrow*

TypeScript, Node.js, React, PostgreSQL, CircleCI, Docker, Jest, AWS, Koa, Ethereum

- Built trustless escrow product by integrating Dwolla banking/IDV API, Ethereum smart contracts, dynamic PDF generation, DocuSign.
- Optimized developer experience with monorepo, containers, linting, migrations.

- Streamlined DevOps with CircleCI, AWS ECS, finely-tuneable logging.
- Devised recruiting process, emphasizing minimization of bias; refined messaging to attract candidates and grow globally-distributed team despite limited resources.
- Setup light work management processes based on Scrum, buffered MoSCoW planning.
- Mentored developers, product owners to accelerate their professional development.
- Platform/infra contributions: Apache ngrok alternative, RSA/AES hybrid encryption, PostgreSQL distributed locking and message queue, JavaScript Proxy dirty-checking.

Aug 2016 to Mar 2018 ▪ Senior Instructor at **Sabio** / Adjunct Faculty at **Antioch Univ. L.A.**

C#, Node.js, React, Bootstrap, ASP.NET MVC, Express, SQL Server, MongoDB, AngularJS

- Developed lessons for accredited courses in C#- and Node.js-based web development.
- Trained individuals from diverse backgrounds with 90% 6-month job hire rate.

Apr 2014 to Jun 2016 ▪ Web Developer at **Stack Overflow** ▪ *Q&A forum for developers*

C#, SQL Server, A/B Testing, Redis, Elasticsearch, Backbone.js, ASP.NET MVC, TeamCity

- Overhauled core e-commerce system for UX experimentation, technical debt, testability.
- Drove A/B experiments to optimize purchase flow and job search status freshness.
- Mentored junior women developers in partnership with Flatiron School, Girl Develop It.
- Advocated for greater codebase modularity, automated testing, CSS standardization.

Apr 2012 ▪ Founder at **Blocvox** # C#, MongoDB, ASP.NET MVC, MSBuild, RequireJS, Linux

- Architected for scale with CQRS, DDD, and safeguarded MongoDB with OpenVPN, LVM.

Jun 2010 ▪ Consultant at **LAB49** # C#, SSAS, Java, WPF, WebSockets, Selenium, Node.js

- Led streaming finance projects for global investment banks with offshore teams.

Oct 2008 ▪ Software Engineer at **GameFly** # C#, ASP.NET MVC, Lucene, Ruby, NHibernate

- Modernized company tech stack to improve stability, maintainability, test automation.

Jan 2007 ▪ Lead Developer at **Reborn Studio** # C#, WebForms, Subversion, SQL Server

- Established coding standards; led development of social, video, geographic search apps.

Aug 2004 ▪ Programmer/Analyst at **UCLA** # VB, C#, jQuery, WinForms, WebForms, ASP

- Developed SOAP web services for gradebook management, Exchange calendaring.

EDUCATION

- **UCLA** ▪ B.A. Political Science ▪ Part of B.S. Computer Science and Engineering:

Systems Programming, Logic Design, Systems Architecture, Network Fundamentals, Database Systems, Formal Languages and Automata Theory, Circuit Analysis, etc.

- **Certified ScrumMaster**