Mike McGranahan

✉ mike@mcgwiz.com   ☎ +1 (310) 220–0409   🌐 Pacific timezone

👍 domain-driven design | extreme programming | automation | cloud native | observability | documentation

🤍 empathy | sustainability | diversity | courage | pragmatism

Results-driven servant leader with two decades of experience as a resourceful software craftsman specializing in web, mobile, and desktop. Committed to building resilient teams through trust, empathy, and clear team-level goals. Empowers individuals to take initiative and fosters personal growth through carefully crafted IDPs. A strong advocate for iterative development and passionate about creating user satisfaction. Thrives in environments with forthright management, collaborative product owners, and a growth mindset.

HIGHLIGHTS

recent ·	*Career break* ·	Post-pandemic break to prioritize family/wellness, learn, volunteer
<1y ago ·	*Manager, ServiceTitan* ·	Gelled 10-dev team, 2 core domains; owned most-used screen in app
4y ago ·	*Manager, Reasi* ·	Led development of product, processes at blockchain startup
5y ago ·	*Faculty, Antioch University* ·	Trained 60+ students with 90% 6-month job hire rate
7y ago ·	*Developer, Stack Overflow* ·	Overhauled critical ecommerce system; mentored jr. devs
9y ago ·	*Creator, Blocvox* ·	Envisioned, developed, promoted collaborative discussion platform
11y ago ·	*Developer, Lab49* ·	Rapidly developed streaming financial dashboards for web, desktop
13y ago ·	*Developer, GameFly* ·	Modernized company tech stack, improving test automation
15y ago ·	*Lead Dev, Reborn Studio* ·	Led development of product, processes for dev shop
16y ago ·	*Developer, UCLA* ·	Led development of campus grade submission web service
ongoing ·	*Sysadmin, personal* ·	Automated on-site and cloud backup of home machines to local

EDUCATION

▸ UCLA, B.A., Political Science (B.S., Computer Science – 60% complete)
▸ Certified ScrumMaster

DETAIL

2022–10 to **present** · Career break · *reconnection, exploration after pandemic strain*

F# | AI code autocomplete | property-based testing | MAUI | Kafka | borg | Btrfs | Linux | knowledge management

▸ Read literature to expand skills and gain perspective: *The Manager's Path*, *Software Estimation*, *The Five Dysfunctions of the Team*, excerpts from *The Advantage*, *Radical Focus*, *Basics of Nonviolent Communication* [Kashtal, 2016], *Domain Modeling Made Functional*.
▸ Built toy apps to explore F#, MAUI, property-based testing, event sourcing, Kafka, GitHub Copilot.
▸ Safeguarded home data with dmcrypt, borg, Btrfs, rdiff-backup, rclone, bash, Powershell, backupninja.

2019–11 to **2022–10** · Multiple roles at **ServiceTitan** · *operations software for trades industry businesses*

coaching	planning	estimating	resourcing	TypeScript	C#	ASP.NET Core	React	mobx	SQL Server	WSL

microservices	microfrontends	Redis	TeamCity	GitOps	DDD	BDD	AutoFixture	ESRI ArcGIS	cordova

▶ **2021–01** to **2022–10** · Engineering Manager

▸ Improved cross-functional squad predictability and productivity by establishing regular syncs between devs and other roles, expanding dev expectations to include occasional QA support, introducing sprint goals, and coaching devs to accept and swarm on chunkier work items.

▸ Upskilled dev team by providing extensive technical coaching including book club and training on Domain-Driven Design, Behavior-Driven Development and automated testing; standardizing research and documentation (RFCs and ADRs); and initiating QA-dev cross-training program.

▸ Propelled team morale and performance with celebratory sprint reviews, blameless postmortems, 10% time, and shielding from certain distractions during expansion from 4 to 10 members, absorption of multiple supporting domains, and a time of inconsistent Director-level support or involvement.

▸ Collaborated with product owners and devs to create pragmatic architectures and flexible project plans:
  - Developed approach of leveraging existing single-technician workflows and backend code to support technician crew concept, paving the way into lucrative construction market.
  - Designed data model for rule-based bulk adjustment feature in workload capacity planner, supporting heavy and VIP customers experiencing significant pain.
  - Planned optional phases into project that heavily extended third-party map-based work assignment tool in order to ensure relief of the highest priority customer pain points.
  - Assigned and coached project leads on soft-skills and technical planning.

▸ Architected, planned, and oversaw development of foundational, next generation, contextual widget framework based on microservices/microfrontends to unlock sustainable, rapid, iterative development.

▸ Interviewed candidates for roles across engineering, QA, and product management.

▶ **2020–09** to **2021–01** · Staff Engineer *(organization releveling)*

▸ Took over 1:1s of neglected team and listened attentively, facilitated resolution of impediments, planned career paths, and coached on technical and soft skills, leading to sentiment improvements.

▸ Initiated document repository to distribute tribal knowledge, including Kibana and git recipes, on-call incident procedures, technical documentation and diagrams, in order to reduce development risks.

▸ Drove trust with casual virtual team syncs, default public communication, and default camera meetings.

▸ Partnered with product managers to analyze ideas, establish rough estimates, and plan roadmaps.

▶ **2019–11** to **2020–09** · Engineering Lead

▸ Educated team on Scrum/agile and rebooted Scrum implementation, leading to improved team cohesion and focus, better understanding of workload, and increased output.

▸ Led massive refactoring of core data models and workflows to decouple work invoicing from work scheduling, in order to simplify common workflows. Controlled for risk by enlisting more QA, increasing automated test coverage, and enhancing monitoring and logging.

2018–03 to **2019–09** · Head of Engineering at **Reasi** · *blockchain-based real estate escrow*

TypeScript	Node.js	React	PostgreSQL	CircleCI	Docker	Jest	AWS	Koa	Solidity	web3.js

▸ Built trustless escrow product by integrating Dwolla banking and identity verification APIs, Ethereum-based smart contracts, PDF generation, DocuSign.

▸ Optimized developer experience with monorepo, containers, githooks-based linting, migrations.

▸ Streamlined DevOps with CircleCI, Amazon ECS, finely-tuneable logging.

- Devised recruiting process, emphasizing minimization of bias; refined messaging and approach to attract high-quality candidates despite limited cash.
- Setup lightweight work management processes based on Scrum, buffered MoSCoW planning.
- Mentored developers, product owners thoughtfully to accelerate their professional development.
- Researched, engaged, selected technology partners.
- Notable modules developed: Apache ngrok alternative, RSA/AES hybrid encryption, PostgreSQL distributed locking, PostgreSQL message queue, ES Proxy-based dirty-checker for efficient DB writes.

2016–08 to **2018–03** · concurrently Senior Technical Instructor at **Sabio Bootcamp**, Adjunct Faculty at **Antioch University Los Angeles** · *diversity-focused, project-based coding bootcamp/course*

C# | Node.js | React | Bootstrap | ASP.NET MVC | Express | SQL Server | MongoDB | AngularJS | public speaking | TFS

- Developed lessons, exercises for accredited courses in C#- and Node.js-based web development, covering both practical skills (e.g. debugging) and theory (e.g. memory management, cryptography).
- Mentored junior developers from non-traditional backgrounds coping with impostor syndrome while seeking their first development jobs.
- Devised flexible roadmaps, ran Scrum, tailored tasks painstakingly to maximize project-based learning.
- Engaged third-party entrepreneurs to scope, analyze, design prototypes to be used as class projects.

2014–04 to **2016–06** · Web Developer at **Stack Overflow** · *Q&A for developers*

C# | SQL Server | A/B testing | React | Redis | Elasticsearch | Backbone.js | jQuery | ASP.NET MVC | TeamCity | GitLab

- Overhauled critical ecommerce system for UX experimentation, technical debt, testability.
- Mentored junior women developers through partnerships with Flatiron School, Girl Develop It NYC.
- Collaborated tightly with distributed cross-functional team to carefully tune, optimize user flows.

2012–04 to **2014–02** · Creator at **Blocvox** · *collaborative social networking service*

C# | MongoDB | ASP.NET MVC | MSBuild | Backbone.js | RequireJS | CasperJS | PhantomJS | Azure | TeamCity | Linux

- Architected for scale with CQRS, DDD, and custom Castle Windsor event-wiring facility.
- Secured distributed MongoDB replication with OpenVPN; leveraged LVM snapshots to backup data.
- Developed front-end as Backbone.js SPA, with ASP.NET server-side rendering for SEO, using shared isomorphic Mustache templates; built custom treemap-based layout engine.

2010–06 to **2012–04** · Technology Consultant at **Lab49** · *FinTech consultancy*

C# | SQL Server Analysis Services | Java | WPF | Node.js | WebSockets | Selenium | Jenkins | TeamCity | Pivotal

Rapidly developed financial dashboards with globally-distributed team using diverse technologies such as Java, Spring MVC; .NET, WPF; SQL Server Analytics Services; WebSockets; Cucumber, Capybara.

2008–10 to **2010–06** · Software Engineer at **GameFly** · *video game rentals*

C# | ASP.NET MVC | Lucene.net | Ruby | Rails | SQL Server | MSBuild | NHibernate | SQL Server | NUnit

Pioneered new technologies for the engineering team, including ASP.NET MVC, Ruby on Rails, LINQ to SQL, Lucene.net full-text indexing while building community sites.

2007–01 to **2008–10** · Lead Developer at **Reborn Studio** · *general software consultancy*

C# | ASP.NET WebForms | SQL Server | Subversion

Established coding standards for, and led development of, social, video, and ecommerce apps.

2004–08 to **2007–01** · Programmer/Analyst at **UCLA** · *public research university*

C# | ASP.NET WebForms | SQL Server | VB.net | VB6 | Windows Forms

Developed SOAP services for campus gradebook management, Exchange server calendaring.