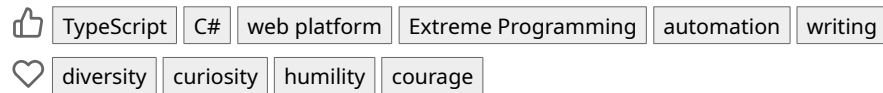


Mike McGranahan · howdy@mcgwiz.com · +1 310 220 0409 · Los Angeles, Calif.



I am a **mission-oriented leader and resourceful software developer**. For 15 years I have developed web, desktop, and mobile applications in a breadth of industries and organizations. I take pride in developing software that is a joy to use, to maintain, **and** to administrate. I am also interested in graphic / product design and machine learning. In leadership roles, I focus on establishing clear expectations and a safe environment.

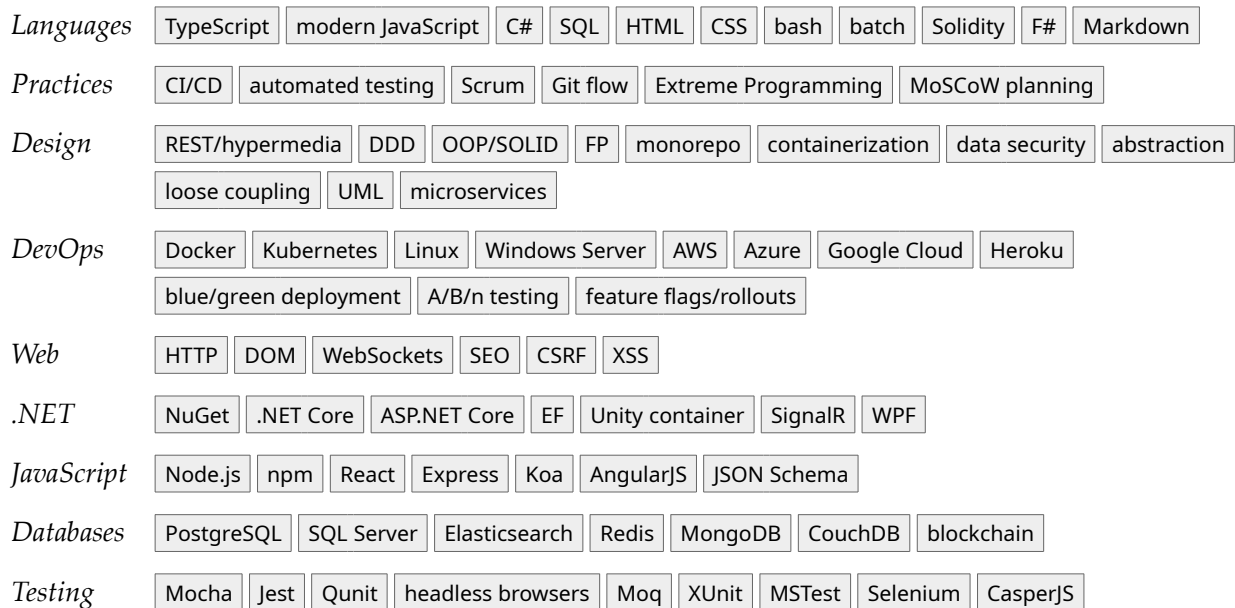
WORK HIGHLIGHTS

- ▶ recent *Head of Engineering, Reasi* · Led development of product, processes at blockchain startup
- ▶ 1y ago *Faculty, Antioch University* · Trained 60+ students with 90% 6-month job hire rate
- ▶ 3y ago *Developer, Stack Overflow* · Overhauled critical ecommerce system; mentored jr. devs
- ▶ 5y ago *Founder, Blocvox* · Envisioned, developed, promoted collaborative discussion platform
- ▶ 7y ago *Developer, Lab49* · Rapidly developed streaming financial dashboards for web, desktop
- ▶ 9y ago *Developer, GameFly* · Modernized company tech stack, improving test automation
- ▶ 11y ago *Developer, Reborn Studio* · Led development of product, processes for dev shop
- ▶ 12y ago *Developer, UCLA* · Led development of campus grade submission web service
- ▶ ongoing *Sysadmin, mcgwiz.com* · Automated cloud backup; setup VPN, web/file/Git hosting

EDUCATION

- ▶ UCLA, B.A., Political Science, plus substantial progress toward B.S., Computer Science
- ▶ Certified ScrumMaster

EXPERTISE



WORK DETAIL

2018-03 to 2019-09 · Head of Engineering, Reasi · *Los Angeles* · *blockchain real-estate transactions*

TypeScript Node.js React PostgreSQL CircleCI Docker Jest AWS Koa Solidity/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 lightweight work management processes based on Scrum, buffered MoSCoW planning.
- ▶ Mentored developers, product owners to accelerate their professional development.
- ▶ Researched, recommended, engaged technology partners.
- ▶ Notable contributions: Apache ngrok alternative, RSA/AES hybrid encryption, PostgreSQL distributed locking, PostgreSQL message queue, JavaScript Proxy dirty-checking.

2016-08 to 2018-03 · Senior Technical Instructor, Sabio Bootcamp, *in partnership as Adjunct Faculty*, Antioch University, Los Angeles · *Los Angeles* · *immersive full-stack web bootcamp focused on diversity*

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

- ▶ Developed lessons, exercises for accredited courses in C#- and Node.js-based web development, including practical skills (e.g. debugging) and theory (e.g. memory management, cryptography).
- ▶ Mentored, counseled junior developers of non-traditional backgrounds coping with imposture syndrome while searching for their first developer job.
- ▶ Setup Scrum-y process to develop real MVPs while tailoring work to individual student needs.
- ▶ Met with third-party entrepreneurs to establish scope, gather requirements, design product.

2014-04 to 2016-06 · Web Developer, Stack Overflow · *NYC* · *Q&A for software developers*

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

- ▶ Overhauled critical ecommerce code to pay down technical debt, increase testability.
- ▶ Mentored junior developers through partnerships with Flatiron School and Girl Develop It NYC.
- ▶ Collaborated with globally-distributed team of designers, PMs to develop, optimize numerous intricate user-facing features.

2012-04 to 2014-02 · Founder, Blocvox · *NYC* · *collaborative discussion between different social groups*

C# MongoDB ASP.NET MSBuild Backbone.js RequireJS CasperJS PhantomJS Azure TeamCity Trac

- ▶ Architected for scale with CQRS, DDD, and custom Castle Windsor event-wiring facility.
- ▶ Secured 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, Lab49 · *NYC; Washington, D.C.* · *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

Mike McGranahan

such as Java, Spring MVC; .NET, WPF; SQL Server Analytics Services OLAP cubes; WebSockets, long-polling; Cucumber, Jasmine, Capybara.

2008-10 to 2010-06 · Software Engineer, GameFly · *Los Angeles* · *video game rental service*

C# ASP.NET 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, Reborn Studio · *Los Angeles* · *full-service web consultancy*

C# ASP.NET SQL Server Subversion

- ▶ Led development to establish quality standards, practices while building social, video sites, and to successfully position for acquisition.

2004-08 to 2007-01 · Programmer/Analyst, UCLA · *Los Angeles* · *public research university*

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

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

Since 2003 · System Administrator, mcgwiz.com · *home* · *hobby server*

Linux Windows Server VirtualBox Apache rdiff-backup backupninja MySQL TeamCity MongoDB

- ▶ Administrate Linux and Windows servers: VirtualBox, Apache, IIS, MongoDB cluster/backup, local client/server diff backups, automated encrypted cloud backup with Tarsnap, OpenVPN.