

Mike Cavaliere

TECHNICAL LEADERSHIP / WEB DEVELOPMENT

Full-stack application architect, developer, tech lead and mentor. Excellent soft skills, works well with many different personalities and roles. Passionate about delivering compelling user experiences and software solutions that match a customer's needs. Greatly enjoy mentoring other developers, improving processes, and writing technical and educational content.



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EXPERIENCE

ATTCK, New York, NY — *Director of Technology*

FEB 2016 - PRESENT

Managerial Accomplishments

- Held daily SCRUM for projects
- Collaborated on sales calls, onsite client meetings, project estimation, developing contracts
- Created code tests, interviewed / code tested engineers,
- Created API specs, technical guidelines
- Supported developers and unblocked them on tech tasks
- Conducted code reviews
- Oversaw developer recruiting / placement on client projects
- Led GitHub documentation practices for all projects

Technical Accomplishments

- Migrated 38 websites from Google to AWS
- Created WebPack / Gulp build script to automate FED best practices on Wordpress projects
- Developed bespoke deploy processes using Git, AWS
- Set up and configured AWS and Heroku hosts for projects
- Built large client iOS app from scratch using React Native
- Built real-time text / audio chat using React Native / WebRTC
- Conducted performance analysis and monitoring for high-traffic WordPress sites, resulting in diagnosis and resolution of performance issues

CORE COMPETENCIES

- Developer education and training
- Full-stack web app development
- Front-end specialization
- Stakeholder / client communications
- Technical architecture
- Technical leadership
- Technical process development
- UX / design oversight

TECHNICAL SKILLS

Application development

- React (redux, sagas, many tools)
- React Native (iOS, Android)
- Vanilla JS / jQuery
- Node.js, Express, Gulp, Webpack
- Ruby on Rails
- WordPress

Databases / Serverless

- MySQL
- PostgreSQL
- Redis
- Firebase

Marketing Accomplishments

- Authored online blog content
- Created and administered presentations about Google Analytics, programming careers, product metrics and KPIs, development processes.
- Planned and hosted Whiskey & Tech event series in NYC
- Planned and hosted meetup events at Tumblr, Tapad

RedPill Technology, Brooklyn, NY — *Founder / Tech Consultant*

JAN 2014 - PRESENT

Notable Client Projects

- **IBM**
Tech process implementation, build process scripting, architecting, front-end dev for IBM.com migration from Dojo to jQuery.
- **Method**
SPA development (Backbone.JS) for offline tablet app for Oppenheimer Funds.
- **Healthify**
Front-end coaching, development, and educational content building for existing team.
- **BeatTrainProductions.com**
Digital strategy consulting for DJ company (SMB). Saved them thousands of dollars on a pending redesign, increased sales with minimal investment.
- **LMS Technology**
React Native development for Red Button client support app. (launching soon)
- **FilsUnique.com**
Shopify theme development, Greensock (GSAP) animation, tech strategy consulting for luxury cufflink brand.

Brainscape, New York, NY — *Lead Engineer / CTO*

OCT 2010 - MAY 2014

Notable Accomplishments

- Migrated and scaled core platform from thousands of installed iOS clients (on shared hosting) to millions (tens of thousands of MAU) on AWS
- Interviewed and vetted engineers
- Interviewed and vetted remote QA resource
- Participated in rewrite of core platform from Java to Ruby on Rails
- Participated in product design decisions regularly

DevOps / Cloud

- AWS (EC2, RDS, S3, Elastic Beanstalk)
- Heroku
- GitHub / Git deployments
- CI (Jenkins, Travis, others)
- Apache 1.x, 2.x configuration

Misc Tools / Skills

- Google Analytics analysis (goal funnels, referrer tracking, event tracking)
- Performance analysis (New Relic, other tools)

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- Conducted weekly application performance metrics reviews
 - Made many large feature contributions to web app and mobile API

Freelance, Multiple Companies — *Web Developer*

JUN 2001 - OCT 2010

Notable Companies / Projects

- **NBC Universal** (Multiple web projects)
- **AKQA** (Clients: Smirnoff, Ann Taylor, USPS, others)
- **BBDO** (Clients: FedEx, Frito-Lay, others)
- **DraftFCB** (Clients: Hilton Hotels, others)
- **Igicom** (Clients: Time Inc, various SMBs)
- **Method** (Clients: PBS)

EDUCATION

Queens College, CUNY, Queens, NY — *B.S., Computer Science*

CLASS OF 2001

PERSONAL PROJECTS

MikeCavaliere.com — *Freelance Blog, Portfolio*

- Freelance programming blog and portfolio site
- 5000 unique monthly visitors
- 200 mailing list subscribers
- Ranked #1 for the keyword "freelance programming"

ADHDTechies.com — *Brain Improvement Blog*

- Blog about brain improvement for all, and specific advice for ADHD programmers
- 200 mailing list subscribers

AWARDS

NYC BigApps 2010 — *2nd Place, Popular Vote*

- Bookzee: iOS location-based library book search app
- Assembled team in 4 days, built MVP in 2 weeks in spare time