



# Michael ("Crates") McDade

FULL-STACK APPLICATION ARCHITECT

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## Personal Summary

Experienced at architecture, execution and management of **rapid application development** projects, top-quality **user experience**, creative online media management, interactive and **conversion-driven eCommerce**, meaningful analytics instrumentation and interpretation, external data integration solutions, **team leadership**, operations management, and above all else, **training and leading** stellar development ninjas with **standards-driven agile processes**.



McKinsey  
& Company

Gartner®

Morgan  
Stanley



OppenheimerFunds®

## Skills and Specializations

20+ years skilled professional development  
**React, Angular, Node, GCP, AWS, Azure**  
Day-to-day management of global teams  
100+ successful **SEO/SMO/PPC** contracts  
Understands coding **great user experiences**  
Tech stack **mastery in top frameworks**  
Builds/trains/leads **outstanding dev teams**  
Excellence at many **best-of-breed companies**  
Conforms to **standards-driven code practices**  
World-class training in **Scrum and agile**  
Well-trained in **WCAG 2.0 AA accessibility**

## Work Experience at Best-of-Breed Companies

### Senior Solutions Architect / Tech Lead for PricewaterhouseCoopers

*in New York City, from June 2018 through present day*

At PwC, I drive the direction on architecture of software solutions within the firm's forward-thinking New Ventures group. Our solutions employ modern technologies: Google Cloud, infinitely-scalable serverless cloud functions, Kubernetes, BigQuery, Docker, Angular JS 6, GraphQL, Cloud SQL, Node JS, Express, Rabbit MQ, Apache Kafka, Snaplogic, SonarQube, QMetry, Cypress, Azure and AWS.

### Sr. React JS and ES7+ UI Architect for Oppenheimer Funds

*in New York City, from August 2017 through April 2018*

Developed advanced software in React JS 16 and ES6/7+, allowing the firm to make great investment decisions. Clients included institutions and high-net-worth individuals seeking best-of-breed portfolio management in capital equities markets. Our team was instrumental in advancing the competitive edge and exposure-conscious investment decisions for which OppenheimerFunds is highly valued.

### Sr. Angular Architect, Commercial Real Estate for Morgan Stanley

*in New York City, from March 2017 through July 2017*

Architecture and implementation of a cutting-edge finance app in Angular 2 managing the firm's full commercial real estate portfolio. These tools enable smart lending decisions with superior oversight, tracking lending instruments from initial lead generation through issuance and the full loan lifecycle.

### Principal UI Architect for Subway Restaurants

*in Milford CT, from November 2016 through March 2017*

Architected web and app experience with each segment of Subway's digital experience department to engineer an engaging and useful platform in ES6 JavaScript and C# with SiteCore CMS. This app yields increased repeat business, an easier ordering process and rewards the loyalty of Subway's customers.

### Senior-most Front End Application Lead for Gartner

*in Stamford CT, from December 2012 through October 2016*

I led the team engineering the look, feel, function and UX of Gartner's web services and client products, including the majority of internal-facing properties, subscription services, and our marketing presence. My team was responsible for all of Gartner's mobile initiatives: the Events Navigator app (used at Gartner Symposium ITxpo and other Gartner events) and the Mobile Research Delivery App.

**Additional 10 years of prior experience and 20+ references on LinkedIn!**

## Tech Stack Highlights

- React, Redux/Flux/MobX, Immutable.js
- Angular (versions 1 through 9)
- JavaScript (including ES 5/6/7/8)
- Node.js, Express, Meteor, Next.js
- HTML5, CSS3, WAI-ARIA & WCAG
- jQuery, Bootstrap, Backbone, Vue, Underscore, Polymer, Ember, Cycle
- LESS/SASS/Compass, BEM/SMACSS
- PHP, Drupal, WordPress, Magento
- NoSQL / RDBMS DBs (all variants)
- Linux, UNIX and shell scripting
- System architecture & admin
- Network security, pen-tests, hardening
- Continuous integration/deploymt.

## Hobbies, Awards & Affiliations

- Awarded "**Outstanding Area Governor**" by Toastmasters for service in 2014-15
- **STG All-Star Award** by Gartner in 2014
- Master Mason; 32nd Degree A. A. S. R.
- Former President of Darien Masonic Club
- Past board member for 5 non-profit orgs
- Member of Phi Delta Theta fraternity
- Student Gov't Senator for 2 years at CCSU
- Boy Scout for 7 years, Sr. Patrol Leader 2x
- Built an international retail business from scratch with 38,000+ fans on Facebook

Thanks for considering me for this role! Be sure to check out my outstanding recommendations at [LinkedIn.com/in/Crates](https://www.linkedin.com/in/crates)