MAIREAD TOMS

Full-Stack Developer
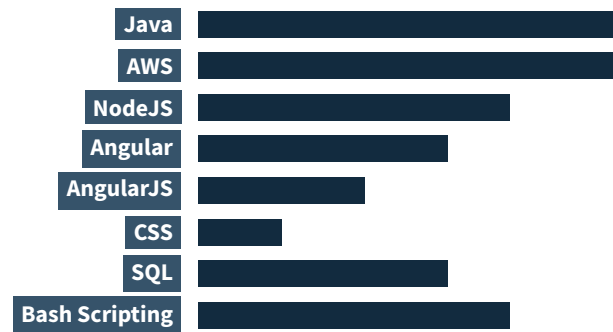
📞 +1 434 249 0318
@ maireadtoms@gmail.com
🌐 maitoms.dev
⬡ github.com/mtoms94

WHO AM I?

I am a software developer with a diverse skillset and a demonstrated interest in learning new technologies. In my time at Capital One, I've led or made significant contributions to a broad group of efforts: an AngularJS to Angular transition, AWS infrastructure design and set-up, improving CI/CD processes, feature work on Java Spring Boot microservices, and on-prem to cloud database migrations. I'm currently focused on using these skills to create better experiences for both end-users and developers in Capital One's credit card payment space.

WHAT DO I KNOW?

- Java
- AWS
- NodeJS
- Angular
- AngularJS
- CSS
- SQL
- Bash Scripting

WHAT CAN I USE?

git / IntelliJ / VSCode / Jenkins / Excel and Visual Basic / Akamai

EXPERIENCE

Sept 2017 – Present — **Full-Stack Developer** — Capital One

- Drove the effort to move from weekly to daily releases, while also improving testing, by automating various parts of the release (and rollback!) processes.
- Architected and helped implement multiple AWS lambdas, making the credit card marketing site fully serverless.
- Contributed significant work on an AngularJS to Angular migration, despite being new to both web development and JavaScript before joining the team.
- Implemented coordinated changes across multiple Java microservices, a UI layer, and two databases, in order to address new federal anti-money laundering laws under a tight regulatory timeline.
- Designed and helped perform multiple cloud migrations for databases requiring constant up-time and extra security measures for sensitive information.
- Automated security-related tasks that previously took one engineer a few days to complete each month.

May 2016 - Aug 2016 — **Systems Development Intern** — InterSystems Inc.

Used column-oriented database architecture to research optimizing SQL query performance in Caché, InterSystems' database product. Focused on the query execution level, improving speeds by a factor of seven hundred in some cases.

May 2015 – Aug 2015 — **Intern** — RBC Wealth Management

Created programs in Visual Basic for Applications. Largest project was an application that analyzes historical PE and CAPE ratio data for equities in a user-inputted portfolio to provide buy and sell recommendations. $100 million in assets were invested based on this program.

EDUCATION

2013 – 2017 — **Bachelor of Arts, Computer Science** — Williams College

Activities: Women's Varsity Lacrosse Team, Computer Science Teaching Assistant, Staff Writer for The Williams Record, Tutor and member of recruitment team for Brayton After-school Tutoring, Lifeguard.
Awards: NESCAC All-Academic Team, Dean's List.