

# David Seybold

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I am a driven software engineer with experience working on high trafficked, distributed applications who is passionate about engineering excellence and continuous improvement.

## EXPERIENCE

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### Senior Associate Software Engineer, Capital One, Mclean, VA

Jul 2019 – present

#### *Consumer Credit Card Acquisitions Platform*

- Moderated a large full-stack code base with over 20 contributing teams and 100+ developers, ensuring all contributions follow best practices and align with the technical roadmap for the platform.
- Architected and implemented a full-stack audit logging solution using a DynamoDB datastore. This allowed for full traceability of what regulatory required components a customer sees when applying for a credit card.
- Split a monolithic Node.js application into distributed microservices written in Golang and Node.js to allow for better scalability and security.
- Re-designed and implemented the AWS Security Group architecture for QA and Production achieving full enterprise compliance with zero downtime.

#### *Commercial Card Platform*

- Researched, proposed, and carried out the migration of the front-end automated regression tests for the Commercial Card Servicing Platform to use Cypress.io, resulting in a 50% reduction in false failures.
- Consulted with other development teams about implementing Cypress.io into their application, providing guidance and assistance as they evaluated and implemented their solution.
- Mentored summer interns, providing assistance and advice as they worked to implement a project.

### Associate Software Engineer, Capital One, Mclean, VA

Feb 2018 – Jul 2019

#### *Commercial Card Platform*

- Designed and implemented the Spring Boot backend APIs and Postgres database schema for three customer-facing features currently in production for the Capital One Commercial Card Platform.
- Collaborated with internal and external partners to coordinate the production readiness of features and ensure their timely delivery.
- Developed a Roles and Permissions framework for an Angular front end using Open Policy Agent (OPA) to provide a secure user interface for the Commercial Card Servicing Application.

### Software Development Intern, Capital One, Mclean, VA

Jun 2017 – Aug 2017

- Added new functionality to a RESTful API using Java allowing users to upload documents with metadata.
- Created an orchestration RESTful API using Node.js to serve as an abstraction between the UI and multiple backend APIs.

## SKILLS

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Languages: Java, Node.js, Go, SQL

Frameworks: Angular, React, Express, Spring Boot, Docker, Jenkins

## EDUCATION

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North Carolina State University  
Raleigh, NC

Bachelor of Science in Computer Science  
Graduated Dec 2017

## CERTIFICATIONS

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AWS Certified Solutions Architect - Associate

