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

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

Languages: Java, Node.js, Go, SQL
Frameworks: Angular, React, Express, Spring Boot, Docker, Jenkins

EDUCATION

North Carolina State University   Bachelor of Science in Computer Science
Raleigh, NC   Graduated Dec 2017

CERTIFICATIONS

AWS Certified Solutions Architect - Associate