ROCKY GRAY

Software Engineering Tech Leader

📍 Washington D.C Metro Area 🌐 www.rockygray.com @ rocky.grayjr@gmail.com
🐦 @RockyGJr in rockygray ○ grocky

EXPERIENCE

Senior Software Engineering Manager
Capital One

📅 Apr 2018 – Ongoing 📍 McLean, VA

Tech lead and people leader for an API platform serving internal and external clients.

- Managed 2 teams using Capital One's leadership framework to include, empower, and inspire direct reports
- Designed and led the implementation or critical projects for the platform: **dual-region architecture, asynchronous virus scanning, object-level encryption**
- Won a Technical Excellence award for the platform's growth, innovative technical design, and reliability
- Top perfomring interviewer for college and professional engineers conducting behavioral and technical interviews
- Member of the leadership team supporting 5 teams in the organization
- Primary and co-inventor on patents derrived from the platform's designs

NodeJS | Go | Java | Kubernetes | Aurora MySQL | Cassandra
Terraform | CloudFormation | Ansible

Lead Software Engineer
Storyblocks

📅 Dec 2014 – Mar 2018 📍 Arlington, VA

Tech lead of the Strategic Technologies team which provided engineering platforms and tools, maintained cloud infrastrucutre, built data pipeline, and developed enterprise products while providing thought leadership for the engineering organization.

- Designed and implemented the migration of our infrastrucutre from a set of managed servers to AWS with Docker
- Designed and implemented an events pipeline to track KPIs for our business. The pipeline consisted of a PHP events framework, Kinesis Firehose, NodeJS Lambda function, and a Redshift data lake
- Established and maintained an enterprise grade API and corporate products in a new business unit that generated over $1M in new revenue for the company
- Led teams through coaching and development; represented engineers in cross-calibration sessions and provided semi-annual performance feedback

PHP | NodeJS | Scala | Docker | MySQL and Postgres
MongoDB | CloudFormation | Ansible | Data Engineering

Software Engineer
Capital One

📅 Jul 2012 – Dec 2014 📍 Vienna, VA

Java | Ab Initio

Co-founder and CTO
FlashCrystal

📅 Jun 2012 – Ongoing 📍 Nashville, TN

LIFE PHILOSOPHY

"Never give up."

MOST PROUD OF

People leadership
Inclussive and empowering tech leader

Achievements
Patents and tech excellence awards

Tech organization growth
Contributed to organizational growth at Stroyblocks and Capital One

STRENGTHS

System Design | Technical mentorship
Leadership | Infrastructure management
Application Architecture | APIs | Automation
Getting stuff done

LANGUAGES

Javascript ●●●●●
Go ●●●●○
Java ●●●○○
PHP ●●●●○
Shell ●●●●○
Python, Ruby, scripting ●●●●○

EDUCATION

B.E. in Computer Engineering
Vanderbilt University

📅 May 2012

CERTIFICATIONS

Solutions Architect Associates
Jan 2019: EET55E012B1QQC5L

Certified Secure Software Engineer Associate
March 2020

PATENTS

Finite state machine driven workflows
Nov. 12 2019: US10474506B1