Rocky Gray Jr.

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EMPLOYMENT

January 2017 – Present	Storyblocks	Arlington, VA

Lead Software Engineer

Lead of the Strategic Technologies team that provides engineering platforms and tools, maintains cloud infrastructure, builds data pipelines, and develops and maintains enterprise products while providing thought leadership for the engineering organization.

- Transition ETL to rely on event processing over database migration allowing the company to make decisions faster with near real-time data. Established the event pipeline as a core business product that provided a framework for engineers and analysts to produce and consume events.

- Establish and maintain an enterprise grade API and corporate products in a new business unit that generated over $1M in new revenue for the company. Worked with product managers and sales team to craft new features and products. Serve as a technical consultant on sales calls with customers to design solutions and troubleshoot technical problems.

December 2014 – December 2016	Storyblocks	Reston, VA

Sr. Software Engineer, Full Stack and Cloud Engineer

Member of the Strategic Technologies team with a core focus on cloud infrastructure, engineering platforms/tools and data engineering.

- Co-designed and implemented the migration of our infrastructure from a set of managed servers to AWS with Docker to allow the agility to quickly innovate and provided fine-grained control of our deployment pipeline.

- Designed and implemented an events pipeline to track key performance indicators for our business. The pipeline consisted of a PHP events framework, Kinesis Firehose, NodeJs Lambda function, and a Redshifr data lake.

- Implemented features in our core products that have a diverse front-end echo system implemented in Bootstrap, Angular, and React. Back-end applications are implemented in PHP and NodeJs with a MYSQL, Postgres, or MongoDB backend.

- Provided thought leadership on Software Engineering best practices and RESTful API design and implementation.

- Implemented automation tools to increase the engineering team's efficiency and productivity using NodeJs scripts (bash if needed) with a Hubot interface integrated through the Slack API.

May 2012 – Present	Rocky Gray Consulting	Home

Software Engineer

Owner of a small business developing software solutions for small to medium sized businesses.

July 2012 – November 2014	Capital One	Richmond and Vienna, VA

Software Engineer

Member of the Enterprise API platform team that led the adoption of RESTful APIs by implementing frameworks and processes to ease developer workflows and provide guidance to RESTful API design and implementation.

- Designed and implemented SOAP and RESTful middleware using an internal framework built on Jersey and Spring.

- Built a platform that provided a sandbox that allowed teams to deploy APIs which can be used by the enterprise through Swagger UI and development testing.

- Implemented a mock and stub layer between the enterprise and an API sandbox which significantly decreased the time for product prototyping and eased developer testing.

- Served as lead for college hire technical interviews where I designed the technical and behavioral interview questions. Trained over 50 associates to deliver, evaluate, and discuss technical interview questions. Provided enrichment sessions for associates in non-software engineering roles.

EDUCATION

Vanderbilt University	B.E., Computer Engineering and Engineering Management	May 2012