

Corvus Grey

Fullstack (Senior) Software Engineer with 8+ years of experience
Frederick, MD | 301-758-8591 | corvus.e.grey@gmail.com | [LinkedIn](#) | [GitHub](#)

Skills

Tools & Technologies: Javascript, Typescript, React, Next.js, PHP, Laravel, REST, Cypress, Playwright, Java, Spring, AWS

Methodologies: Agile Methodologies, Technical writing / Documentation

Professional Experience

Senior Software Engineer | [Storyblocks](#)

Jan 2022 - present

Team Rocket, Growth & Visitor Experience

- **Modernizing Legacy Services:** Improving scalability and developer productivity by migrating a legacy monolith from a mosaic of frameworks to Next.js.
- **Experimenting with Innovative Tech:** Integrating generative AI with our stock media library to streamline storyboard creation for Storyblocks customers.

Software Engineer | [Storyblocks](#)

Dec 2020 - Jan 2022

Maker Teams, Online Video Editor

- **Leadership & Cross-Team Collaboration:** Regularly worked as a feature lead, owning deliverables from the planning state through deployments and business verification, ensuring alignment with business goals.
- **Feature Development:** Built and maintained a collaborative in-browser video editor using React.
- **Legacy Systems Maintenance:** Developed and maintained a backend API in PHP Laravel, ensuring high performance and reliability.

Software Engineer II | [Walmart Labs](#)

May 2019 - Dec 2020

Inbound Processing

- **Scalable Solutions:** Maintained a high-throughput backend that processes up to 425,000 incoming packs per minute in Walmart stores across the world.
- **Backend Engineering:** Developed a stateless internal pipeline for inbound store documents in 9 countries using Apache Camel and Java, consolidating data from hundreds of different vendors across the world.

Software Engineer I | [Walmart Labs](#)

Feb 2017 - May 2019

Outbound Processing, Store Claims

- **Cloud-focused Development:** Collaborating in a cross-team effort to launch Walmart's first cloud-based store system, dramatically impacting data visibility and in-store efficiency.
- **Scalable Microservices:** Developed a system of 5 REST API microservices that processed an average of 3.3 million outbound items daily across the US, netting the company \$347 million in a single quarter.
- **Fast-paced Innovation:** Supported the app through a weekly on-call rotation, addressing 300+ associate tickets per week across 5,000+ stores

Associate Developer | [Walmart Technology](#)

May 2016 - Aug 2016

Store Systems

- Developed an automated pipeline to scan and process Medicare Part B audits in Walmart pharmacies, improving Medicare Part B compliance from 0 to over 50%.

Education

University of Maryland, College Park

Bachelor's of Science (B.S.), Geographic Information Systems & Computer Science

Other Accomplishments

Engineering Recognition: "Building Blocks Award: Customer Obsessed"

Storyblocks, 2024

- Awarded for prioritization of end user experience.

Engineering Recognition: "Leave It Better Than You Found It"

Storyblocks, 2022

- Awarded for thorough and high quality test writing.

Engineering Recognition: CPS Ninja

Walmart Labs, 2017

- Awarded for identifying and fixing a major memory leak in the Claims App.