Patrick Gray

Computer Engineer

1 Personal Info.

Phone: +1 551 254 8253 | Email: contact@pgray.xyz | Github: github.com/pgray

2 Languages/Tools

Languages: Go, Bash, C, Rust
Tools and Technologies: Git, Docker, Kubernetes, Nomad, Terraform, AWS/GCP/Azure, Linux

3 Work History

Feb 2024 – March 2024 | Cloud Consultant
crowdcow.com
Short term contract to decrease cloud spend. Initial consultation on migrating off AWS. After consideration we attempted to decrease costs in place. Decreased monthly bill by 60 percent.

Dec 2022 – Dec 2023 | Senior Infrastructure Engineer
cosmonic.com
Built and deployed various services/features in Go, Rust, Terraform, and more

July 2018 – Dec 2022 | DevOps Engineer -> Engineer II: Platform -> Senior Engineer: Platform -> Senior Engineer: Office of the CTO -> Senior Manager, Data Platform
ns1.com
Deployed global backend services. Troubleshot and debugged legacy and greenfield services. Filled in for feature teams. Designed new product features. Mentored teammates and created onboarding material for new engineers. Presented talks at conferences and internally.

Nov 2016 – Jul 2018 | Infrastructure Engineer at Layer, Inc.
layer.com
Built developer tools and infrastructural services (minikube and Go). Converted production infrastructure from CoreOS to run in Kubernetes, and then utilized the work to build another production cluster quickly on Azure to attain a large customer. Aided in operational design/audit of services.

May 2015 – Nov 2016 | Software Engineer, DevOps at Conductor, Inc.
conductor.com
Built AWS infrastructure with Terraform and other open source tools. Contributed back to OSS projects. Wrote bash where we needed glue and Go where we needed tools. Taught developers how to use Docker, Terraform, and worked with them to build better tools.

Sep 2014 – May 2015 | Linux/DevOps Engineer at Reliant Solutions
reliantsolutions.com
Responsible for managing multiple clients' AWS and in-store infrastructure with Puppet.

Nov 2013 – July 2014 | IT Infrastructure Contractor at DIRECTV via RHT
lifeshield.com
Rewrote legacy warehouse software. Debugged an open source C email system (dbmail) to develop a way of cleaning a legacy database. Admin for Atlassian tools. Produced requirement documents and system diagrams for the technical side of a multi-million dollar project to bring in an MDM PaaS for customer devices.

Apr 2011 – Apr 2013 | Web/iOS intern Rutgers PSM/RATE/Innovation Park
psm.rutgers.edu
Linux, Drupal, iOS

4 Education

Sep 2009 – May 2013 | Bachelor of Science in Electrical and Computer Engineering
Rutgers, The State University of New Jersey
Computer Architecture and Assembly Language, Digital Logic Design, Programming Methodology I and II, Operating System Design, Software Engineering, Parallel and Distributed Computing, Virtual Reality, Network Centric Programming