

# Brandon High

bmh.io

Email: hire@bmh.io

Linkedin: brandonhighthesoftwareguy

## EDUCATION

---

### Oregon State University

*Bachelors of Science in Computer Science, Minor Psychology*

Corvallis, OR

*Fall 2005 – Spring 2010*

## EXPERIENCE

---

### Ride with GPS

*Staff Modern Linux Systems and Software Engineer*

Portland, OR

*Feb 2024 – Apr 2025*

- > **Argo Workflows:** Led adoption for CI/CD and data pipelines; integrated with Rails tooling.
- > **Kubernetes Administration:** Managed staging deployments and planned legacy production migration.
- > **Observability:** Maintained stack: Grafana, Prometheus, Elasticsearch, Kibana, Sensu, Munin.
- > **Automation:** Used Ansible and Python to manage bare metal hardware configuration.
- > **Data Center Ops:** Upgraded frontend systems and network hardware for redundancy.
- > **On-Call:** Participated in PagerDuty rotation for incident response.

### OpenGov

*Staff & Senior Software Engineer (Delivery Engineering)*

Remote

*Jul 2020 – Jan 2024*

- > **CI/CD Modernization:** Migrated from Jenkins/Spinnaker to GitHub Actions and ArgoCD; built open-source Actions.
- > **AI & Internal Tools:** Prototyped PR Review Bot using LangChain; managed OpenAI Org access.
- > **Access Control:** Architected org-wide RBAC via Terraform for AWS and Kubernetes using Teleport.
- > **Infrastructure as Code:** Built and tested Terraform modules with Terratest (Go).
- > **SRE & Dev Enablement:** Led Kubernetes, Helm, Docker, AWS, and observability efforts; supported on-call via OpsGenie.

### Puppet

*Senior Software Engineer (Dev Infrastructure Ops)*

Portland, OR

*Aug 2018 – Jul 2020*

- > **Observability:** Unified logging (FluentD) and tracing with OpenTracing.
- > **Cloud Migration:** Migrated Jenkins and Ruby services to GKE; supported vSphere, Mesos, Docker.
- > **Team Leadership:** Served as Scrum Master and Product Owner; drove backlog alignment and cross-team communication.

### Puppet (formerly Puppet Labs)

*Software Engineer (Puppet Enterprise Installer)*

Portland, OR

*Dec 2013 – Aug 2018*

- > **Installer & Orchestrator:** Co-architected GUI Installer and Orchestrator using Ruby/Sinatra.
- > **Open Source Contributions:** Created Chloride SSH library, ruby-pathspect, and rubocop-i18n.
- > **CI Tooling:** Developed internal Jenkins tools and shared Groovy libraries.

### Facebook Inc.

*Site Reliability Engineer*

Menlo Park, CA

*May 2012 – Nov 2013*

- > **Tooling:** Built Python tools for incident remediation and infrastructure audit.
- > **Platform Migration:** Supported shift to in-house containerization (CGroups-based, Borg-like).
- > **On-Call:** Handled production incidents as part of SRE rotation.

### Flashlight LLC

*Software Engineer*

Portland, OR

*Sep 2010 – Apr 2012*

- > **UI Development:** Built Groovy/Grails/jQuery frontend for cable STB control.
- > **Automation:** Automated dev environment setup with Puppet.

## CERTIFICATIONS AND POST-ACADEMIC EDUCATION

---

- > **Kubernetes Certified Application Developer:** Linux Foundation – 2021
- > **Machine Learning Nanodegree:** Udacity – Jan 2017 to Jul 2017; coursework included Linear Regression, Neural Networks, and TensorFlow
- > **Docker Certified Associate:** Docker – Jun 2018 to Jun 2020 (Expired)
- > **Puppet Professional Certification:** Puppet – May 2015

## PROJECTS

---

- > **asdf-teleport-ent**: asdf plugin for managing Teleport CLI versions.
- > **bad-parrots**: Collection of scripts for working with local LLMs in Docker.
- > **pathspec-ruby**: Ruby library for parsing .gitignore-like files.
- > **resume**:  $\text{\LaTeX}$ source for this document.

## SKILLS

---

**Languages**: Ruby, Python, JavaScript, C, Go, Rust, SQL

**CI/CD**: GitHub Actions, Argo Workflows/CD/Events, CircleCI, Jenkins, Spinnaker

**Infrastructure & Automation**: Terraform, Kubernetes, Helm, Kustomize, Ansible, Puppet, Docker

**Cloud**: AWS, GCP

**Observability & Monitoring**: Prometheus, Grafana, Elasticsearch, Kibana, FluentD, OpenTracing, Sensu, Munin

**Security & Access Control**: RBAC, Teleport, IAM (AWS)

**AI/LLM**: OpenAI API, OLLama, LangChain

**Testing & Dev Tools**: Terratest (Go), Git, VSCode, Groovy (Jenkins Pipelines)

**Operating Systems**: Ubuntu, Debian, CentOS, Arch Linux, Gentoo, macOS, Windows, Raspbian