

Brandon High

bmh.io

Email: hire@bmh.io

Linkedin: brandonhighthesoftwareguy

EDUCATION

- **Oregon State University** Corvallis, OR
Bachelors of Science in Computer Science, Minor Psychology *Fall 2005 – Spring 2010*

EXPERIENCE

- **Ride with GPS** Portland, OR
Staff Modern Linux Systems and Software Engineer *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** Remote
Staff & Senior Software Engineer (Delivery Engineering) *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** Portland, OR
Senior Software Engineer (Dev Infrastructure Ops) *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)** Portland, OR
Software Engineer (Puppet Enterprise Installer) *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.** Menlo Park, CA
Site Reliability Engineer *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** Portland, OR
Software Engineer *Sep 2010 – Apr 2012*
 - **UI Development:** Built Groovy/Grails/jQuery frontend for cable STB control.
 - **Automation:** Automated dev environment setup with Puppet.

PROJECTS

- **QuantSoftware Toolkit:** Open source Python library for financial data analysis and machine learning for finance.
- **GitHub Visualization:** Data visualization of Git log data using D3 to analyze project trends over time.
- **Recommendation System:** Music and movie recommender systems using collaborative filtering on public datasets.
- **Mac Setup:** Book that gives step-by-step instructions on setting up developer environment on macOS.