Brandon High
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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-pathspec, 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.

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: 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