

Jainish Shah

Address: 2713 Gamble Ct, Hayward, CA 94542

Cell: (669) 333-1498 - jainishshah@yahoo.com
[GitHub](#), [LinkedIn](#), [Portfolio](#)

OBJECTIVE:

Experienced Software Engineer with over 10 years in secure software development and DevOps, seeking a Senior Software Engineer or Site Reliability Engineer (SRE) role in Build Tools, CI/CD, and Cloud Infrastructure.

SUMMARY:

- 10+ years of experience in secure software development, DevOps, and CI/CD automation.
- Expertise in managing and scaling Artifactory, Bitbucket, Xray, and GitHub Enterprise (GHE).
- Experience in Infrastructure as Code (IoC) using Terraform, Terragrunt, and Ansible.
- Strong background in cloud platforms (AWS, GCP, Azure) and container orchestration (Kubernetes, EKS).
- Hands-on experience with OS upgrades (CentOS 7 → CentOS 9, AL2 → AL2023).
- On-call rotation experience providing 24/7 service support for build tools and developer infrastructure.
- Proficient in monitoring, maintaining, and supporting build infrastructure for thousands of developers.
- Strong problem-solving skills, troubleshooting, and automation expertise.

TECHNOLOGICAL SKILLS:

DevOps & CI/CD Tools	Artifactory, Xray, Bitbucket, GHE, Terraform, Kubernetes, Docker Swarm, Helm, OpenShift, Rancher, Nginx, Snyk, Chef, Ansible, Octopus Deploy
Monitoring & Logging	Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), Zabbix
Cloud Technologies	AWS, Azure, GCP
Web/Application Servers	Apache Tomcat, Oracle Weblogic, Nginx, Varnish Cache
Programming Languages	Java, Ruby, Groovy, Golang, Nodejs, Python
Databases	MySQL, MongoDB, InfluxDB, PostgreSQL
Operating Systems	Windows, Mac, Android, Linux, UNIX, C7, C9, AL2, AL2023

Testing Frameworks	Selenium, Junit
CI Servers	Bamboo, Jenkins, TravisCI, CircleCI, TeamCity, CloudBuild, GitHub Actions

PROFESSIONAL EXPERIENCE

Workday, Pleasanton, California, USA

Sr. Software Developer Engineer | April 2015 – Present

- Developed Infrastructure as Code (IoC) using Terraform and Terragrunt to deploy GitHub Enterprise (GHE), Bitbucket, Artifactory and Xray in public cloud environments.
- Created Ansible playbooks for managing configurations of Artifactory, Xray and GHE, ensuring consistent and automated setup.
- Upgraded Artifactory clusters and migrated operating systems (CentOS 7 → CentOS 9, AL2 → AL2023).
- Developed and deployed a Slackbot to provide self-service capabilities to users, automating repetitive tasks and improving efficiency.
- Managed and deployed EKS clusters using Terraform, enabling the deployment of applications like JFrog Xray and Bitbucket.
- Automated management of Artifactory using Chef in private cloud environments.
- Provided 24/7 on-call support for build tools and developer infrastructure.
- Managed Java APIs, Gradle plugins, and self-service UIs for internal tools.
- Enhanced monitoring and observability using Prometheus, Grafana, and ELK Stack.

Environment: Bitbucket, GHE, Artifactory, Xray, Bamboo, Jenkins, Neo4j, Docker, Kubernetes, Terraform, Terragrunt, Ansible, Chef, AWS, GCP, Gradle, Java, Python, Node.js, Snyk.

JFrog, Sunnyvale, California, USA

Software Solution Engineer | Nov 2015 – April 2019

- Developed tools and scripts for DevOps, including user plugin development using Groovy and Ruby.
- Enhanced Homebrew for product feature extensions and enabled Private-Bower setup for users.
- Managed build and release processes by setting up Jenkins/Bamboo and Artifactory for CI/CD.
- Added support for new repository types in Artifactory (e.g., Helm, Puppet, Homebrew).
- Developed Bitbucket plugins using Atlassian Connect and a package for Mesosphere DCOS.
- Built deployment templates for various tools like Terraform, CloudFormation, Azure Resource Manager, Docker Swarm, Kubernetes (Helm).

Environment: Linux, Docker, GitLFS, Homebrew, AWS, Node.js, Bamboo, JIRA, Npm, Bower, Gradle, Bintray, Artifactory, Maven, Mesosphere DC/OS, GCP, Puppet, Kubernetes, Azure, Helm, Terraform.

Zephyr, Newark, California, USA***Software Engineering Intern | Sep 2014 – Nov 2015***

- Developed tools and scripts for DevOps and managed CI/CD processes using Bamboo.
- Created virtual environments for Production and QA using Docker.
- Automated builds and configurations using Grunt scripts and NPM dependencies.
- Implemented Zabbix-based monitoring for IT infrastructure and centralized log processing with LogStash, Kibana, and Elasticsearch.
- Monitored applications, fixed bugs, and managed clusters of RIAK and Hazelcast.

Environment: Linux, Docker, Amazon EC2, Play Framework, Riak, InfluxDB, Elasticsearch, JavaScript, Node.js, HTML, CSS, Grunt.js, Bamboo, Hazelcast, JIRA, Backbone.js, LogStash, Kibana.

Rahi Systems, Fremont, California, USA***Software Engineering Intern | Dec 2013 – Aug 2014***

- Developed new software features and implemented defect fixes in collaboration with a team.
- Worked on the development of an IT Analytics Product, handling both client-side and server-side development.
- Defined and developed the application's presentation layer using HTML5, CSS3, JavaScript, and jQuery.
- Practiced Test-Driven Development within a SCRUM Agile framework.

Environment: Linux, Apache Tomcat Server, Apache Struts 2.0, J2EE, JSP, Servlets, JavaScript, Node.js, HTML, CSS, NoSQL (MongoDB), Jenkins, Selenium, JUnit.

International Technological University, San Jose, California, USA***Technical Student Assistant, Media Team | Sep 2013 – Dec 2013***

- Recorded and uploaded lectures for all subjects to the university's server and website.
- Managed video conversion and ensured compatibility across platforms.
- Handled all operations on the Mac platform.

EDUCATION:**Master of Science in Computer Engineering**

International Technological University, San Jose, CA

May 2015

Bachelor's in Computer Engineering

Gujarat Technological University, Gujarat, India

May 2013

Diploma in Computer Engineering

The Maharaja Sayajirao University, Gujarat, India

Aug 2010

PROJECTS:**Dholiwood.com**

A dedicated hub for Gujarati cinema, offering a comprehensive source of information on movies, music, plays, and upcoming releases. The platform allows users to rate and review

films, stay updated on the latest happenings, and provides a space for Gujarati businesses to advertise. This business concept was envisioned by a group of Gujju NRIs to create a vibrant online community.

Atlassian BitBucket Plugin

Developed a plugin using the Atlassian Connect API, leveraging technologies like Express.js, Docker, Bootstrap, PostgreSQL, HTML, CSS, and JavaScript. The plugin includes a 2048 game for developers to enjoy during breaks, enhancing user engagement within BitBucket.

JSchat

A chat application for Android, developed using Android development tools for versions 2.3 and above. Utilized the XMPP protocol to facilitate communication between users via Jabber client, with additional features such as photo sharing and location display.

Student Relationship Management System

An educational software solution designed to bridge communication between parents, professors, and students. Built on the ASP.NET platform with SQL Server 2005 as the backend, this system helps institutions maintain student records and manage academic activities efficiently.

Multiplex Ticket Booking System

A Visual Basic project that provides cinema employees with a graphical interface for seat selection, offering a visual seating arrangement for easy booking. This system enhances the ticket booking process by simplifying seat reservations.

EXTRA CURRICULAR ACTIVITIES:

- **President of ITU - 2014**
- Volunteer work at CRY(child Rights and You).
- Participated in VIT Optimistix 2012 as a coordinator for project events.
- Captain of the university Volleyball team.