

Faizan Bashir

Senior Site Reliability Engineer

Experienced in building scalable web applications in the Cloud (AWS, Azure, Google Cloud), writing Infrastructure as Code, Container Orchestration with Kubernetes, Openshift, and Docker Swarm, ELK Stack. I have a knack to see the bigger picture in the scheme of things with ardent love of architecting complex systems. I am passionate about Tech Blogging.



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<https://github.com/faizanbashir> 🐙

WORK EXPERIENCE

Senior Site Reliability Engineer Honeywell

09/2020 - Present

Bengaluru

Honeywell is a **manufacturing and technology company** that operates in the aerospace, building technologies, performance materials, and technologies.

Achievements/Tasks

- Running the production environment, monitoring availability, and taking a holistic view of system health
- Improving reliability, quality, and time-to-market for products and services in the Forge Platform
- Measure and optimize system performance, with an eye on enhancing operational capabilities
- Identify Service Level Indicators (SLIs) that will align the team to meet the availability and latency objectives.
- Provide primary operational support and engineering for multiple large distributed software applications
- Build software and systems to manage platform infrastructure and applications
- Providing emergency response either by being on-call or by reacting to symptoms according to monitoring and escalation when needed
- Working on ideas and solutions within the infrastructure team to reduce the workload by automation.
- Planning and executing configuration change operations both at the application and the infrastructure level.
- Identifying parts of the system that do not scale, provides immediate palliative measures and drives long term resolution of these incidents.

SKILLS

Goal Oriented

Team Management

Creativity

Persistence

Resilience

Cloud Computing

Kubernetes

NodeJs

Openshift

Serverless

ELK

Terraform

Azure

Prometheus

GCP

Technical Writing

MongoDB

Istio

CERTIFICATIONS

CKS: Certified Kubernetes Security Specialist
(10/2021 - 10/2023) [🔗](#)

CKAD: Certified Kubernetes Application Developer
(02/2020 - 02/2023) [🔗](#)

CKA: Certified Kubernetes Administrator
(03/2020 - 03/2023) [🔗](#)

TECHNICAL BLOGGING

Digital Ocean [🔗](#)

"Faizan Bashir - DigitalOcean"

freeCodeCamp [🔗](#)

"Faizan Bashir - freeCodeCamp.org"

Hacker Noon [🔗](#)

"Faizan Bashir - Hacker Noon"

EDUCATION

A Level (Post Graduate Diploma) NIELIT

2011 - 2013

Srinagar, J&K

Courses

- Programming
- System Design
- Java Applets
- Compiler Designing

- Networking
- Database Administration
- Graphics
- Object Oriented Programming

WORK EXPERIENCE

Cloud Architect

MintMesh Inc

11/2018 - Present

Bengaluru

MintMesh is a leading provider of Micro AI Solutions for Professionals. Helping a Professional to get thru their work day better.

Achievements/Tasks

- Designed and built Mintmesh.ai and associated services infrastructure from scratch.
- Architecting the infrastructure in AWS Managed Kubernetes Service (EKS), managing deployment pipelines and writing Helm Charts.
- Leading the development team in managing and developing applications and databases in response to business needs.
- Responsible and accountable decision-maker around the implementation of technologies to achieve business objectives.
- Provisioning Infrastructure using the Hashicorp suite (Terraform, Packer), bash scripting and Weave EKSTCL.
- Creating a Continuous Delivery pipeline using AWS Amplify for VueJS frontend and hosting them on AWS Cloudfront CDN
- Reduced infrastructure costs by 20% with EC2 Spot Instances, reduced storage costs with S3 IA and EFS IA Storage Class using Object Lifecycle Policies.
- Intelligent routing of traffic in the system using Service Mesh Istio, Ingress routing using Traefik and Nginx ingress.
- Monitoring and Alerting the state of the infrastructure and applications using Prometheus, Grafana, and Kiali.

Senior Software Engineer

Softway

08/2017 - 10/2018

Bengaluru

Achievements/Tasks

- Introduced and implemented microservice architecture with Laravel/Lumen Framework.
- Containerized the legacy zend and laravel/lumen applications. Set up the local development environment with Docker Compose.
- Developed APIs to access Google Cloud Storage for legacy PHP 5.3 Zend application.
- Wrote scripts to automate the updating of Google Cloud Load Balancer (GCLB) with the new URLs.

Senior Software Engineer

Ezytruk Solutions Pvt Ltd

11/2016 - 08/2017

Bengaluru

Achievements/Tasks

- Understanding client requirements & functional specifications. Managing, maintaining, developing, & deploying applications & databases.

EDUCATION

High School

Tyndale Biscoe School

1993 - 2005

Srinagar, J&K

Courses

- Outdoor Activities
- Personality development

DEVOPS EXPERIENCE

Infrastructure as Code (IaC)

MintMesh Inc

11/2018 - Present

Bengaluru

Tasks/Achievements

- Provisioned AWS Infrastructure - VPC, EC2, EFS, ECR, S3 EKS, EBS using Packer, Terraform and shell scripts
- Provisioned AWS EKS with Worker Node Groups, ASG, EC2 spot instances using EKSTCL

Container Orchestration

MintMesh Inc

12/2018 - Present

Tasks/Achievements

- Containerized whole MintMesh architecture using Docker Swarm and now migrated to Kubernetes
- Wrote Helm charts for all of the services.
- Implemented stable Helm charts for Redis, NGINX-Ingress, metric-server, reloader, efs-provisioner.
- Extending Kubernetes functionality using CRD's.

Distributing Tracing, Monitoring and Ingress

MintMesh inc

11/2019 - Present

Tasks/Achievements

- Distributed Tracing using Jaeger
- Implemented Service Mesh Istio with Monitoring and Alerting using Prometheus, Grafana and AlertManager
- Implemented multiple Ingress controllers: Traefik, Nginx

ELK Stack

MintMesh Inc

05/2019 - Present

Tasks/Achievements

- Implemented Elastic Stack for logging with file beats in Docker Swarm

DEVELOPMENT PROJECTS

Mintmesh - MintMesh.AI (08/2019 - 09/2020)

- Managing deployment of Home page for MintMesh using AWS Amplify with Continuous Deployment, Cloud Front (CDN)

MintMesh - Recruiter Frontend (08/2019 - 09/2020)

- Managing deployment of Recruiter Vue.js Application using AWS Amplify with continuous deployment, Cloud Front (CDN)

MintMesh - Recruiter API (08/2019 - 09/2020)

- Developed Recruiter APIs using Express.js Framework.
- Technologies used: Node Js, Mongoose ORM, RabbitMQ, Redis, JWT, AWS S3.

WORK EXPERIENCE

Software Engineer

Insights Marketing & Communication Dubai

02/2016 - 09/2016

Srinagar, J&K

Achievements/Tasks

- Full Stack Developer

Software Engineer

Denesof IT Services

01/2014 - 02/2016

Srinagar, J&K


Achievements/Tasks

- Full Stack Developer

DEVELOPMENT PROJECTS

MintMesh - Training App (02/2019 - 09/2020)

- Developed Training Application using Express.JS Framework
- Technologies used: Node Js, RabbitMQ, Mongoose ORM, AWS S3

Softway - eSigns (08/2017 - 10/2018) 

- Redeveloped eSigns, a US eCommerce website
- Technologies used: Google Cloud Provider, Laravel, ExpressJS, NodeJS, PHP, Mysql, Memcached, JavaScript, JQuery, Redis, Docker, Docker Compose, Vue.js

LANGUAGES

English

Native or Bilingual Proficiency

Urdu

Native or Bilingual Proficiency

Arabic

Limited Working Proficiency

Kashmiri

Native or Bilingual Proficiency

INTERESTS

Trekking

Swimming

Travel

Photography

Poetry

History

Tech Blogging

Philosophy