Prasoon S

Software Developer

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SFS Cyber Gateway, Kazhakootam
Trivandrum, 695585

- 5+ years of experience in DevOps including building, scaling, automating infrastructures and developing applications.
- Experienced with containerization and container orchestration tools
- Provisioned and managed infrastructure as a code.
- Experienced in cloud technologies.
- Fluent in Python
- Passionate for automating requirements.
- Experienced in setting up robust CI/CD pipelines.
- Provisioned monitoring infrastructure for large sets of machines.
- Adaptable to challenging environments, having good problem solving and interpersonal skills.

TECHNICAL SKILLS

Programming Language	*Python*
Containerization	*Docker*
Orchestration Tools	*Marathon, Kubernetes*
Monitoring Tools	*Prometheus, Thanos, Cortex, Grafana, Cloud Watch, AppDynamics*
Infrastructure as a Code	*Terraform*
Package Manager	*Helm*
Configuration Management	*Ansible*
Cloud Technologies	*AWS (EC2, ELB, S3, Route53), Azure (AD, VM)*
CI/CD	*Gitlab CI/CD, Jenkins*
Web Servers	*Nginx*
Database	*MySQL, PostgreSQL, InfluxDB*
Framework	*Odoo*
Version Control	*Git, Gitlab, Bitbucket*
Operating Systems	*Ubuntu, Redhat, Windows*
Development Tools	*PyCharm, VSCode, Sublime*

PROFESSIONAL EXPERIENCE

Conducktor Kubernetes Platform

Software Developer II, UST Global. – TVM, IN   *August 2018 – Present*

Conducktor is the T-Mobile Cloud-agnostic, managed platform for orchestrating containerized workloads and services. Conducktor is hosted on the AWS Cloud and is built around the portable, extensible, open-source Kubernetes (K8s) platform. Conducktor infrastructure and configuration frees up Application Developers to focus on what is important to them, their business code and logic.

Responsibilities

- Migrating several workloads from Marathon to Kubernetes
- Setup & use Kubernetes to orchestrate the deployment, scaling, and management of Docker Containers
- Application deployment using Helm charts.
- Improving DevOps practices - setting up robust CI/CD pipelines. This allowed the project to move to a continuous delivery model, shipping to production many times per week.
- Ensure 99.9% uptime of several Kubernetes clusters using high available monitoring solutions
- Support application team to deploy applications in Kubernetes clusters with various deployment strategies
- Responsible for the design, support, and maintenance of a large Kubernetes monitoring infrastructure.
- Automate cluster creation for monitoring Kubernetes servers using terraform python wrapper that saved huge time for cluster creation process and improved efficiency with reduced error rates.
- Automate the creation of business intelligence reports that will give an overall view of underutilized Kubernetes servers that helped team to save server cost.
- Managing cloud infrastructure in AWS.
- Setup robust monitoring for Kafka and RabbitMQ
- Setup application monitoring using AppDynamics.

iALMAS - Multi-Vendor Marketplace

Software Engineer, Eram Infotech Pvt. Ltd. – TVM, IN   *June 2017 – March 2018*

iAlmas is a SaaS portal which is a suite of business apps that cover all your company needs: CRM, eCommerce, accounting, inventory, point of sale, project management, etc. A SaaS portal will be given to each vendor according to their needs, also there is a common marketplace to sell vendor's products.

Responsibilities

- Deploying application to production environments.
- Setting up a scalable architecture.
- Setting up CI/CD pipelines.
- Managing EC2 instances and the docker containers.
- Involved in development activities.

Run4 - E-commerce

Software Engineer, Eram Infotech Pvt. Ltd. – TVM, IN   *March 2017 – June 2017*

An e-commerce website with a backend portal to manage their sales, purchases, and accounting. Each product having different prices in different region and restriction on product visibility on certain country groups.

Responsibilities

- To work with the group assigned for development of Run4
- Design and Development
- Deploying application to production environments.
- Taking trainings for team on different Modules
- Customer interaction and Support Activities

LoveBellies

Odoo Developer, Siroco Technologies Pvt. Ltd. – TVM, IN   *March 2016 – March 2017*

LoveBellies is a mobile app for those who are expecting pregnancy and for new Mothers. Users can ask pregnancy doubts in forum and there are doctors to answer it. Users can make a wishlist of products that can be shared with their relatives

and friends they can gift them these products. Users will also receive offer for the products in wishlist from different vendors.

Responsibilities

- To work with the group assigned for development of LoveBellies
- Developing the assigned module
- Writing API for mobile app
- Unit Testing
- Implementation and Production Support Activities

PROFESSIONAL AWARDS

- USTAR recognition for the contributions provided to project.

EDUCATION

ME – Computer Science & Engg.
CSI Institute | Anna University | Year of Passing 2015 | First Class

B.Tech – Computer Science & Engg.
College of Engg. Attingal | CUSAT | Year of Passing 2012 | First Class

Higher Secondary.
Kerala State Board | Year of Passing 2006 | Distinction

High School.
Kerala State Board | Year of Passing 2004 | First Class

PERSONAL DETAILS

Address:	Avon, SFS Cyber Gateway Sree Rangom Lane, Vettu Road, Sainik School.P.O, Kazhakuttam, Thiruvananthapuram, Kerala 695585
Nationality:	Indian
Linguistic Abilities:	English, Malayalam, Tamil
Hobbies:	Reading, Listening to Music, Travelling.

DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Place: Kazhakootam

Date: 15-12-2021   Prasoon S