JINNA BALU

| DevOps | SRE | jinnabalu.com

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PERSONAL PROFILE

Experienced with a demonstrated history of working on different infrastructure and change management related problem statements

Working in Startup has helped me to learn cutting edge technologies. Fortunate to get opportunities to work on wide varieties of technologies and roles.

AWARDS

Wisestep Value Ambassador 2020,
Role: Platform Engineer

DevOps ■ ■ ■ ■ ■ ◻

DevSecOps ■ ■ ■ ■ ◻ ◻

Cloud ■ ■ ■ ■ ■ ◻

Team Management ■ ■ ■ ■ ◻ ◻

System Design ■ ■ ■ ■ ◻ ◻

Site Reliability Engg ■ ■ ■ ■ ◻ ◻

SKILLS

Cloud Services	AWS (IAM	S3		EKS	ECS	EC2	SES	
.	Security Compliance	Audit Manager	
.	Billing	Savings	Route53)
Containerisation	Docker, Docker Swarm, Kubernetes
IaC	Ansible
Distributed systems.	Cassandra, Elasticsearch, Kafka
CICD. Pipeline	Jenkins, Bitbucket, Gitlabs
Compliances	SOC2, GDPR, PCI DSS
Code Quality Gate	Sonarqube, SAST, DAST
Security	Snyc, VAPT, Arachni
Load Balancers.	Caddy, Nginx, ALB, ELB
Version Control	Git, Monorepo, Polyrepo, Github, gitlabs, bitbucket
Monitoring	ELK, Prometheus, Grafana, Observability
ETL Tools.	Kafka Connect, Elastic Stack Beats, Apache Nifi, Airflow
Languages	Java, C#, Python
Databases	PostgreSQL, Cassandra, Elasticsearch
Scaffolding Tools	Yeoman, Jhipster, FastAPI, Jekyll, Hugo
Project Management	Kanban(Trello), Agile(Pivotal Tracker)
Operating System	Ubuntu, Mac, Windows
Others	RabbitMQ, Selenium, Jupyter Notebooks Private docker registry

TEACHING RESOURCES

Medium	3K views/month, 1.5K reads/month
Github.	30+ repositories contributions to DevOps
StackOverflow.	5K reputation, ~2.1M people reached

EDUCATION

MCA | CGPA: 7.5/10
JNTU Hyd | 2010-2013

[Master of Computer Applications]

BSc, Computer Science
Osmania University (OU),
Medak | 2007 - 2010
CGPA 6.5/10

VOLUNTEER

Gramabharati, Gramavikas,
Ekalavya Foundation

WORK EXPERIENCE

Wisestep Inc

April 2021 - Present

Hyderabad

Role: Devops Manager

Managing infrastructure automation, reliability, security, change management, and capacity planning with a team of 2 members. Building best practices in DevOps and Site Reliability

- DevSecOps, AWS Audit Manager, AWS Security Hub, SOC2 Compliance.
- Reliability, Security, Change Management
- Observability-Driven Development with ELK, Prometheus
- Manging team with Kanban and Scrum, having error budgets, toil budgets, and overhead in control.
- Custom Dev Center Application - Internal service access
- Application Orchestration with Docker Swarm, ECS
- Infra Automation with Ansible.
- The distributed cluster of Cassandra, Elasticsearch, Kafka, and Redis as containers.

Wisestep Inc

April 2019 - Mar 2021

Hyderabad

Role: Platform Engineer

DevOps for release management and Building features, handling feature lifecycles for the product- Wisestep, a recruitment platform to solve a few of the most interesting problems of the recruitment industry - details link

- Building microservices using spring boot, containerizing with Docker and deploying to AWS Cloud.
- Application deployment automation with CICD, smooth change management.
- Application and Infrastructure monitoring.
- Distributed cluster management for NoSQL databases, with consistency.
- High availability, consistency, security, and reliability.
- Application performance monitoring and real-time user monitoring
- AWS Solutions for security practices and cost optimizations.
- Vulnerability assessment with open source tools.

Wisestep Inc

<div align="right">Sep 2014 - Mar 2019</div>

Hyderabad

<div align="right">Role: Product Development Engineer</div>

Deployed data science for real-time detection of anomalies and diagnosis of high-impact problems using ML

- Develop and Support custom-built applications and participate in product development.
- Participate in the analysis of requirements to understand the business and system needs regarding user interface, application enhancements, new functionality, and backend processes.
- Code and modify simple applications using programming tools. Document all the code using standard forms and procedures, adhering to all naming conventions.
- Create reports and work with others in the technical and analytical aspects of report creation.
- Participate in the unit, system, and user acceptance testing.

Project #1: MIS - Jr. Net Developer

Application used for managing the Recruiters, Jobs, and Candidates Processing for closing the positions given by the clients.
Role: .Net Developer activity, One-man army for Building features from coding, designing, and release management. Monitor and troubleshoot the application. Deployed app in IIS.
Tech stack: ASP.NET Web application, ASP.NET MVC, Entity Framework, C#, AngularJS, HTML, CSS, Bootstrap, Gulp, Code First Approach, Solr, SQL Server 2008, DAL with Database First Approach.

Project #2: Wisestep Pulse - Jr. Fullstack Developer

In Recruitment Process Management, Timesheet, Contract, Payments Management application.
Project Stack: ASP.NET MVC, Entity Framework, C#, SQL Server 2008, AngularJS, HTML, CSS, Bootstrap, Gulp, Code First Approach, Solr.
Role: Worked with a team having individual responsibility of building the feature from frontend till DB. Worked on HTML, CSS, Bootstrap, AngularJS, Building Entities, REST API with Code First Approach, Indexing the column in MSSQL for increasing the performance.

Project #3: Wisestep ATS - Fullstack Engineer

Crowdsourcing Application, Sourcing Talent from Expert Global Recruitment Partners, and Manging with Split Fee
Project Stack: HTML, CSS, AngularJS, Bootstrap, Thymeleaf, Gulp, Java, Spring MVC, Elasticsearch, Cassandra, Microservices, Jhipster Scaffolding Tool, AWS, AWS VPC, S3, AWS EC2, Docker, Docker Swarm, NGINX, VAPT Report with Arachni
Role: Worked on orchestrating the dev and prod environment for microservice applications using the Jhipster scaffolding tool. Worked with the team, responsible for building the feature, entities, and RESTful API with Code First Approach.
Application security OWASP using VAPT tool arachni. Application development and deployment 50%-50%. Application orchestration with docker swarm, containerization, and deployment with scale. Handling automation deployment with CICD Jenkins pipeline and ansible. Application secret management with AWS parameter store, and AWS IAM Security. Infrastructure operations maintaining the Elasticsearch, Cassandra, and Kafka cluster management.