

RAM SIMRAN G

SENIOR DEVOPS ENGINEER



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About Me

Innovative Senior DevOps Engineer with 4+ years of expertise in managing, automating, and optimizing mission-critical deployments to the multi-cloud, leveraging configuration management, and CI/CD. Passionate about scaling applications and leading technical training programs.

Experience

Tata Consultancy Services - Senior Engineer

June 2021 - Present

- Currently managing a DevOps team of 10+ Engineers and Trained Associates for future System Engineering responsibilities
- Spearheaded migration from a data center environment to cloud service architecture
- Built and deployed containers to break down monolithic designs into microservices, simplifying development, boosting scalability, and improving performance by at least 60%
- Received "On-The-Spot" awards for outstanding performance and the creation of cost-effective application architectures

Neokred Technologies - Full Stack Engineer

Aug 2020 - May 2021

- Lead the engineering team and built all application services (front-end, back-end, mobile app, devops etc.) from scratch
- Closely collaborated with clients in the financial domain and tailored solutions to their specific business requirements
- Managed and trained additional resources in React Native

Payzello - Full Stack Engineer

August 2019 - July 2020

- Designed and implemented a completely automated CI/CD lifecycle for a high-volume online business and reduced time-to-market by around 50%
- Developed new security features and customized old UI for Payzello's cross-platform mobile application
- Managed, built, and deployed Serverless Microservices using NoSQL Databases

Infinitum Network Solutions - Software Developer

July 2018 - July 2019

- Built mobile applications with a single code base using cross-platform technology
- Created and deployed WebAPIs to the cloud for a celebrity-focussed mobile application (now out-of-service) using AWS Elastic Beanstalk

Education

BITS, Pilani - M.Tech(WILP)

Graduating in 2024

- Master's in Software Systems
- **Coursework:** Distributed Computing, Applied Machine Learning, Software Architecture

JNTUH - B.Tech

2014 - 2018

- Bachelor's in Information Technology from Keshav Memorial Institute of Technology.
- **Coursework:** Operating Systems, DBMS, Cloud Computing, Machine Learning

Expertise

Full Stack

- React and React Native
- Javascript
- Python.
- The Serverless Framework

Devops

- IAC - Terraform and Azure Bicep
- CI/CD - Jenkins, TFS, and GitHub Actions
- Containers - Docker and Kubernetes.
- Cloud - Azure, AWS, GCP