

# VITUL RANA

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## Education

**Jaypee University of Engineering and Technology, Guna**  
**Bachelor of Technology (Computer Science)**

Aug 2013 - Jun 2017

CGPA - 8.5

**Courses:** C++, Algorithms, Data Structures, Operating System, Compiler

## Skills

**Languages:** Terraform, Typescript, JavaScript, Kotlin, PHP, Go Lang, Java, HTML, C++  
**Technologies:** AWS, Docker, Kubernetes, GitHub Actions, Jenkins CI/CD, Grafana, Helm, Lambda, Git, ECS, EKS, Bash, React.js, Redux, Backbone, PostgreSQL, RabbitMQ, Linux

## Professional Experience

### Technogise Private Limited

Pune, Maharashtra

*Lead Site Reliability Engineer - Client's DevOps Team*

May 2021 - Present

- Automated the deployment pipeline for app and services infrastructure changes.
- Automated the monitoring & observability tools setup for product teams.
- Automated alarms and alerts setup for products using PagerDuty and Zenduty.
- Configured mTLS setup for handling inbound requests for one of client's external partner.
- Instilled Agile practices like Sprint Planning, Review and Grooming in the team.

*Lead Fullstack Engineer - Client's Insurers App Team*

Jun 2020 - May 2021

- Setup infrastructure for backend services and frontend app.
- Lead key discussions on backend architecture.
- Integrated with multiple micro-services that managed patient, prescriber, and prescription information.
- Built the logging system to track & control the patient information access.
- Integrated with central drug systems like GSDD in USA to sync mapping of MTM Drugs.

*DevOps Engineer - Org Internal Team*

Mar 2020 - May 2020

- Created CI/CD for organizations internal products.
- Automated webapps certificates renewal to remove manual effort to 0% by scheduling shell script.
- Setup alerts for metrics like Memory, Disk and Network for internal Kubernetes cluster.
- Templated the deployment setup for all internal products to use.

*Senior Fullstack Engineer - Client's Logistics Management System Team*

Feb 2018 - Feb 2020

- Scaled system to delivery 2M packages in single day by implementing in-app monitoring system.
- Improved driver/vehicle onboarding to 5 from 14 days by adding application tracking system.
- Integrated with package and tracking management system.
- Implemented route optimization to improve driver efficiency by 50% for pickup, linehaul and delivery.
- Improved mobile API performances by allowing batch processing of packages.

*Fullstack Engineer - Client's Pickup and Dropoff Management System Team*

July 2017 - Jan 2018

- Integrated with client's logistic management system.
- Improved user management system.
- Scaled system to be used across different countries with different DBs using multi-tenancy.
- Improved App UI to make it easier to use like integrating with barcode scanners.
- Built the customer package collection system where we even collected signature at the end.