



# Maqsood Ahmad Ulde

Ruby DevOps & Python Engineer | Software Architect  
Cloud & Database Expert | Scalable Systems

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Results-driven Software Engineer specializing in Ruby on Rails, Python, DevOps, and database optimization. Expertise in scalable architecture design and cloud infrastructure optimization (AWS, GCP, Azure). Skilled in CI/CD, containerization (Docker, Kubernetes), and automation. Passionate about solving complex engineering challenges, maximizing performance, and building secure, fault-tolerant systems.

## WORK EXPERIENCE

8 yrs 1 mon of experience

### Senior Software Engineer

Perforce (08/2023 - Present) - 1 yr 8 mons - Pune, India

- ✓ Packaged Puppet agents & core modules for OS releases, improving security, compatibility, and seamless integration with Puppet Enterprise infrastructure.
- ✓ Optimized core Puppet components like Facter and PXP-Agent, fixing bugs, enhancing reliability, and contributing to open-source improvements.
- ✓ Built cloud automation services using AWS, Kubernetes, and DevOps tools, streamlining deployments, enhancing monitoring, and scaling infrastructure.

### Senior Software Engineer

LTIMindtree (MSCI) (04/2021 - 08/2023) - 2 yr 5 mons - Mumbai, India

- ✓ Enhanced data quality by developing a validation system using JRuby, OracleDB, JavaScript, and Sinatra, reducing errors and improving accuracy.
- ✓ Resolved major system bugs in JRuby, OracleDB, Ext.js, Sinatra, and AKS, improving stability, reducing downtime, and enhancing system reliability.
- ✓ Optimized system performance, improving query execution and application speed in JRuby, OracleDB, JavaScript, and AKS for better efficiency.

### Senior Software Engineer

Solbeg (Utilizecore) (01/2020 - 04/2021) - 1 yr 3 mons - Mumbai, India

- ✓ Enhanced system functionality, resolving major architectural issues in Ruby on Rails, improving scalability, maintainability, and performance.
- ✓ Upgraded system framework from Rails 5.0 (Ruby 2.3) to Rails 6.0.3 (Ruby 2.7.1), ensuring security, stability, and compatibility with modern libraries.
- ✓ Introduced dynamic data attributes, allowing admins to add new fields without database changes, improving flexibility and reducing overhead.

### Software Developer L2

Mirraw (08/2017 - 01/2020) - 2 yr 7 mons - Mumbai, India

- ✓ Boosted revenue by 20% via A/B testing (Solr, Postgres, Rails) and cut delivery time by 20% by optimizing warehouse workflows efficiently.
- ✓ Led warehouse automation efforts with Django, PyQt, Celery, and Raspberry Pi, streamlining inbound processing and improving logistics efficiency.
- ✓ Automated 50% of all international shipments via Atlantic Shipper API, integrating SOAP API and rack-based tracking for real-time shipment updates.
- ✓ Redesigned PostgreSQL DB and refactored Ruby code, optimizing invoicing for 180 currencies, large-file processing, and complex tax calculations.

### Software Developer

Flixmates (05/2017 - 08/2017) - 3 mons - Mumbai, India

- ✓ Integrated Bitbucket, Jira, and Agile, streamlining project management.
- ✓ Built a User Gallery supporting both video and images for media management.
- ✓ Deployed on AWS and fixed critical bugs, ensuring stability and performance.

### Desktop Engineer

Apexcel Informatics (05/2014 - 06/2014) - 2 mons - Mumbai, India

- ✓ Collaborated with HCL on the LIC project, connecting all LIC PCs to domain.
- ✓ Configured network settings, ensuring secure connectivity across LIC systems.

## SKILLS

### Programming Languages

Ruby Python JavaScript Shell Scripting  
GoLang C / C++ SQL

### Web & Frameworks

Ruby on Rails Sinatra FastAPI Node.js CSS  
Django Flask Tailwind Bootstrap Vue.js  
Express HTML React Next.js SAML SSO  
GraphQL REST API SOAP API LDAP RBAC  
JQuery SaaS / Non-SaaS

### DevOps & Infrastructure

CI / CD Terraform Jenkins GitHub Actions  
Azure GCP Docker Kubernetes Logstash  
EKS Microservices Grafana Linux Kibana  
AWS ArgoCD Puppet Helm Prometheus

### Databases & Storage

PostgreSQL MySQL SQLite AWS S3 Solr  
ClickHouse OracleDB BigQuery Redis  
Elasticsearch Kafka MongoDB Memcached

### Testing & QA

RSpec Minitest Capybara Cucumber  
Unittest Terratest Docker Compose

## EDUCATION

### Bachelor of Engineering

University of Mumbai  
Computer Engineering • 2014-2017 - 8.2/10

### Diploma in Engineering

MSBTE  
Computer Engineering • 2012-2014 - 77 %

## CERTIFICATES

- ✓ Financial Markets: A Beginner's Module of the NCFM (05/2022)
- ✓ Ruby Certified From TestDome (11/2019)
- ✓ CSCUv2 Certified from EC-Council (02/2017)

## ACHIEVEMENTS

- ✓ Contributed to multiple opens-source gems, including Sidekiq and Puppet repositories.
- ✓ Honored with the "Super Crew Award" for outstanding performance in LTIMindtree
- ✓ Proud participant of the "Start Award" for excellence in performance in MSCI

## LANGUAGES

English Hindi Urdu Marathi