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++

🌐 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
SQL · PostgreSQL · MySQL · SQLite · AWS S3 · ClickHouse · OracleDB · BigQuery · Redis · Solr · 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 reponsitories.
- ✔ 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