RAHUL R K

JAVA DEVELOPER | DEVOPS PROFESSIONAL

Email: rahulkalal676@gmail.com | Mobile: +91-8217367345 | Location: Bengaluru, Karnataka
Portfolio: view_portfolio

SKILLS

- Core Java
- Spring Boot
- Java Collections
- Java 8
- RESTful API Development
- Hibernate
- Spring Security with JWT
- Exception Handling
- SLF4J with Logback
- Postman
- Third-Party API Integration
- Pagination & Sorting
- YML Configuration Files
- Hibernate Mappings
- OTP-based Login
- Email, SMS, WhatsApp Integration
- Apache Kafka
- Spring Actuator
- Spring Profiles
- Multithreading
- Microservices Architecture
- Linux
- Shell Scripting
- AWS (EC2, RDS, S3, IAM, EFS, VPC, CloudWatch, SNS, EBS)
- GitHub
- Maven
- Docker
- Jenkins
- Kubernetes
- Terraform
- JIRA
- Agile
- Ansible

PROFILE

DevOps and **Backend Developer** with 1+ years of experience in designing, developing, and deploying secure, scalable backend applications. Proficient in **Java 8**, **Spring Boot, Spring Security, Hibernate,** and **RESTful APIs**. Hands-on experience in implementing **SMS/OTP**-based login/signup, **Collection, JWT** token authentication, Strong knowledge of **CI/CD pipelines**, using GitHub Actions, **Jenkins**, and **Docker** to automate testing and deployments. Skilled in **AWS (EC2, S3, RDS, VPC etc)**, **Terraform** for **Infrastructure as Code (IaC)**, and **Linux-based** server management. Familiar with **Agile, JIRA, Microservices Architecture**, Version Control (**Git**), Maven, and **MySQL.**

WORK EXPERIENCE

- Developed and deployed RESTful APIs using Spring Boot, integrated with Hibernate ORM to support CRUD operations, pagination, and sorting, enabling scalable and maintainable data access layers.
- Implemented secure authentication and authorization using JWT and Spring Security, ensuring robust access control in microservices environments. Designed and managed CI/CD pipelines with Jenkins
- and Docker, automating builds and deployments to AWS EC2 instances for faster, error-free releases. Managed AWS infrastructure, including EC2, S3, RDS, IAM, VPC, EBS, and CloudWatch; set up SNS
- for real-time alerts and automated scaling events. Provisioned infrastructure using Terraform, enabling repeatable, version-controlled Infrastructure as Code (IaC) practices. Authored shell
- scripts for automating server maintenance, log rotation, and deployment routines—reducing manual effort and improving
- operational efficiency. Integrated Apache Kafka for reliable, asynchronous message queuing and inter-service communication within a distributed microservices setup.
- Enhanced application observability using Spring Actuator, Prometheus, and Grafana to build real-time monitoring dashboards and track performance metrics.
- Actuator, application observability using Spring Prometheus, and Grafana to build real-time monitoring dashboards and track performance metrics.
- Integrated third-party APIs for SMS, Email, and WhatsApp communication, supporting multi-channel user notifications and verification flows.
- Followed Agile/Scrum methodologies, contributing to daily stand-ups, sprint planning, and task tracking using JIRA.
- Used GitHub for version control, implementing effective branching strategies and code reviews to ensure collaboration and code quality.
- Designed ER diagrams to support ORM-based schema mapping and effective relational database design.
- Containerized applications with Docker, ensuring consistent deployment across local, staging, and production environments.
- Implemented robust pagination validation, ensuring APIs respond with accurate, optimized data sets while gracefully handling invalid client requests.

WORK EXPERIENCE

Paycraft Solutions — Java Developer

Role & Responsibilities:

- Developed secure backend systems using Spring Boot, integrated with Hibernate ORM for efficient and scalable data persistence, optimized for high-traffic applications.
- Implemented JWT-based authentication and role-based access control using Spring Security, ensuring secure.
- Designed and developed RESTful APIs integrated with third-party services like SMS, email, and WhatsApp for multi-channel notifications, enhancing user engagement and transaction flow.
- Managed and scaled AWS infrastructure, including EC2, S3, RDS, IAM, VPC,
- Built and managed CI/CD pipelines using Jenkins, Docker, and Terraform, automating deployments to AWS EC2 instances and ensuring consistent, error-free releases.
- Debugged and troubleshot issues in Docker containers, Kubernetes clusters, and microservices architectures, quickly identifying and resolving issues to ensure minimal system downtime.
- Containerized applications using Docker, ensuring that development, testing, and staging environments remained consistent and replicable across teams and environments.
- Integrated Apache Kafka for reliable, asynchronous message queuing and real-time event streaming, enabling robust inter-service communication and event-driven architecture.
- Collaborated closely with the team on Agile/Scrum processes, contributing to daily stand-ups, sprint planning, and task tracking using JIRA, ensuring that milestones were met with quality and efficiency.
- Actively engaged in code reviews, ensuring that best practices were adhered to and that high-quality code was consistently delivered with minimal bugs or technical debt.
- Managed cloud security by implementing IAM roles, policies, and ensuring best practices were followed to protect the infrastructure and sensitive data.
- Optimized cloud resources and improved system performance through load balancing, auto-scaling, and cost management strategies.
- Designed and maintained ER diagrams and database schema for MySQL
- Improved application observability using Spring Actuator, integrated with Prometheus and Grafana, allowing real-time monitoring and detailed performance dashboards.
- Automated infrastructure provisioning with Terraform, enabling repeatable, version-controlled infrastructure deployments and reducing configuration drift.
- Enhanced API pagination and sorting capabilities to handle large datasets efficiently and ensure the APIs only return relevant data to the client.
- Delivered features with minimal follow-up and maintained a reputation for quality solutions that required little intervention, consistently impressing interviewers with high-quality features.

EDUCATION

BACHELOR OF ENGINEERING (B.E.) IN COMPUTER SCIENCE
VISVESVARAYA TECHNOLOGICAL UNIVERSITY (VTU), KARNATAKA