ROHIT VERMA

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Technical Skills

Programming: Java, Python, SQL, JavaScript, HTML5, CSS
Frameworks: Spring Boot, Hibernate, Angular, React, Struts2
Cloud: AWS (EC2, Lambda, S3, RDS), CloudFormation
Containerization: Docker, Kubernetes
Event Streaming: Kafka
Monitoring: Grafana, Prometheus
Databases: MySQL, MongoDB, Oracle
Tools: Jenkins, GitLab, Maven, JIRA, Databricks, Ansible
Technologies: REST APIs, Microservices, JPA, Spring MVC, JDBC, Servlets, JSP, OAuth2/OIDC, Spring Session
Practices: CI/CD, Agile, Unit Testing (JUnit, Mockito), Test-Driven Development (TDD)

Experience

Algoworks   **July 2025 – Present**
Software Development Engineer   *Noida*

– Engineered **Java/Spring Boot APIs** for TCS, accelerating transfer throughput by **30% (99.5% success)**.
– Developed TCS-UI (React/MUI), reducing administrative processing time by **40%**.
– Optimized Templates and upgraded Groovy compiler to 5.0.2 , **reducing failures by 70%**.
– Containerized and deployed Pentaho using **Docker, Helm, and Kubernetes**, reducing deployment time to <**10 minutes.**

Comviva   **Feb 2023 – July 2025**
Software Development Engineer   *Gurgaon*

– Engineered migration from **JSP-based** monolithic app to **React.js (Vite + Material UI)**, achieving a **30% faster load time** and improved maintainability.
– Developed and deployed a **CSRF token-based security** mechanism, reducing unauthorized access incidents by **25%**.
– Integrated **Keycloak** for SSO, RBAC, and MFA, enabling secure access for **100K+ users**.
– Optimized database pooling with Hibernate DBCP and **C3P0**, improving connection stability and reducing latency by **10%**.
– Refactored legacy Brand Management system into **Spring Boot microservices**, improving scalability and reducing processing time by **35%**.
– Built an **OTA campaign scheduling channel** for 50+ concurrent customer promotions, enabling better personalization and engagement.
– Developed a **Top Ten Songs** feature in ISMS, boosting subscriptions by **15%**.
– Revamped **API Marketplace UI** using React.js + Material-UI, reducing bounce rate by **10%** based on a 50-user survey.

Pepcoding   **Jun 2022 – Nov 2022**
Software Developer   *Noida*

– Developed responsive UIs for the **NADOS platform** using React.js + Material-UI, reducing load time by **35%**.
– Automated CMS data migration process, cutting transfer time from **8–9 hours** to just **26–28 minutes**.
– Processed **10,000+ CSV files** into MySQL using optimized Java batch jobs, saving **3 hours daily**.

Achievements

Recognized as **Top Performer (Q3 2024)** at Comviva for optimizing microservice scalability and improving release efficiency.

Winner, **Algoworks Hackathon 2023** — built an automated UI prototyping tool that reduced UI design **time** and frontend development **effort**.

Solved **500+ LeetCode problems**, focusing on Data Structure and algorithmic optimization.

Education

Guru Gobind Singh Indraprastha University   **Sep 2019 – Jul 2023**
Bachelor of Technology in Computer Science   *9.2 CGPA*