Gyanendra Yadav

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Full-Stack Developer (Backend Focused) — 2+ Years Experience

Professional Summary

Results-driven Full-Stack Web Developer with 2+ years of experience specializing in backend development using Java, Spring Boot, and Microservices. Proven expertise in architecting scalable backend services, engineering RESTful APIs, and developing responsive user interfaces. Skilled in cloud technologies, virtualization, and delivering high-performance solutions that drive business efficiency.

Technical Skills

Programming Languages: Java, JavaScript, TypeScript, SQL
Backend Technologies: Spring Boot, Node.js, Microservices Architecture, RESTful APIs, API Development
Frontend Technologies: React, HTML5, CSS3, Responsive Web Design
Databases: MySQL, MongoDB, NoSQL, Database Design, Query Optimization
Cloud & DevOps: AWS, Docker, Virtualization, Virtual Machines, CI/CD, Automation
Development Tools: Git, GitHub, Postman, VS Code, Agile Methodologies
Core Competencies: System Design, Problem Solving, Critical Thinking, Team Collaboration

Professional Experience

Full-Stack Web Developer — January 2023 – Present
STARTUPWAY24 — *New Delhi, India*

- Engineered and automated virtual machine provisioning workflows, reducing manual configuration effort by 65% and decreasing deployment time from 30 minutes to under 10 minutes
- Architected and deployed 5+ production-grade microservices managing instance lifecycle operations, authentication mechanisms, system monitoring, and task scheduling with 99% uptime
- Optimized backend API performance by 45% by implementing strategic query optimization, caching mechanisms, and asynchronous processing patterns
- Developed and launched a real-time React-based monitoring dashboard utilized by 10+ internal team members to track VM health metrics, CPU/RAM utilization, and system uptime statistics
- Accelerated feature delivery timeline by 30% through designing reusable React component libraries and establishing standardized API documentation and contracts
- Collaborated cross-functionally with development teams to design scalable system architectures and deliver high-quality software solutions
- Utilized problem-solving skills and analytical thinking to troubleshoot complex technical challenges and implement effective solutions

Projects

comprig.com | *JavaScript, Node.js, Microservices, React, MongoDB, AWS, Docker* — April 2024 – October 2024

- Developed a comprehensive cloud-based automation platform for virtual machine creation and management, eliminating over 60% of manual provisioning tasks
- Designed and implemented a robust microservices architecture to orchestrate cloud OS lifecycle management, user authentication workflows, and dynamic resource allocation
- Engineered RESTful API endpoints to facilitate instance operations including creation, modification, and deletion, integrated with MongoDB for reliable data persistence
- Created responsive and intuitive React dashboard interface providing real-time visualization of virtual machine status, resource consumption metrics, and system health indicators
- Applied systematic problem-solving methodologies and analytical thinking to design efficient workflows, ensure scalability, and optimize platform performance
- Implemented comprehensive error handling and logging mechanisms to ensure system reliability and facilitate debugging

Education

Bachelor of Computer Applications — 2022 – 2025
Indira Gandhi National Open University — *New Delhi, India*

Key Achievements & Impact

- Achieved 65% reduction in deployment time through comprehensive automation of VM provisioning processes
- Delivered 45% improvement in API response times through systematic optimization and performance tuning
- Increased development velocity by 30% by establishing reusable component architecture and standardized practices
- Successfully deployed and maintained 5+ mission-critical microservices handling high-volume production workloads
- Reduced operational overhead by automating repetitive tasks and streamlining development workflows