Nitesh Vishwakarma

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Summary

Software Engineer with **3+ years of experience** designing and building **scalable, cloud-native systems**. Strong expertise in **Java, Spring Boot, microservices, AWS, Kubernetes, and React**. Proven record of modernizing legacy systems, improving reliability, and delivering measurable impact (**40–65% efficiency gains**). Comfortable owning features end-to-end in fast-moving, distributed environments.

Skills

Programming: Java, Python, React Js, Spring Boot, Spring Cloud, JUnit, JDBC MySQL, HTML, CSS, JavaScript, MongoDB
Miscellaneous: AWS, REST API, Micro Services, Apache Maven, Apache Kafka, Docker, Linux, Git, Jenkins, Design Patterns
Soft Skills: Self-Management, Problem Solving, OS Independent, Documentation, Time Management, Team Work
Practices: Distributed Systems, Event-Driven Architecture, CI/CD, Design Patterns

Experience

Genworth - Software Engineer (Full Stack)
Remote, India
Senior Web/Internet Development
Aug 2025 – Present

- Migrated **legacy Java applications to Spring Boot microservices**, improving scalability, maintainability, and release velocity.
- Designed and implemented **low-latency, high-throughput REST APIs**, supporting scalable inter-service communication using Spring Boot, Spring Cloud, and Java, ensuring scalable microservice communication with AWS and Kubernetes for seamless deployment and orchestration.
- Designed and implemented **low-latency, high-throughput REST APIs**, supporting scalable inter-service communication.
- Built **React-based frontends** for business-critical workflows, improving usability and response times.
- Containerized services using **Docker** and deployed on **Kubernetes**, enabling rolling deployments and automated releases.
- Improved production reliability through **centralized logging, monitoring, and automated testing**.

Insight Global - Full Stack Java Developer
Remote, India
Genworth (Contractor)
Mar 2025 – Aug 2025

- Modernized monolithic Java services into **independently deployable microservices**.
- Implemented **authentication and authorization** across distributed services
- Supported cloud deployments on **AWS and Kubernetes**, ensuring high availability and fault tolerance.
- Collaborated with cross-functional teams to deliver features aligned with business requirements.

Cognizant Technology Solutions India Ltd - Software Engineer
Pune, India
Gilead (Kite Pharma)
July 2022 – Feb 2025

- Automated SaaS workflows, reducing processing time by **65%** and significantly lowering manual effort.
- Built **scalable Spring Boot microservices** integrated with **AWS Lambda, Event Bridge, and S3**.
- Improved data migration tooling by developing a **React frontend and Python-based backend**, increasing efficiency by **50%**.
- Designed and deployed an **event-driven QC data pipeline**, reducing data validation and processing time by **40%**.
- Architected and implemented **microservices** using **Event Driven architecture** increasing system efficiency and user engagement.

Projects

- **Node AWS Metadata Library -** Built a Node.js library to fetch EC2 metadata via IMDS and AWS APIs for service discovery.
- **MedOne – Medicines at your doorstep -** Full-stack app deployed on AWS using EC2, Lambda, S3, CloudFront with secure authentication.
- **React Data Table (Open Source) -** Published NPM package with responsive design and multi-format data export.

Certifications

- Database Foundations (Oracle Academy)
- Java Programming Fundamentals (Oracle Academy)
- Cisco CCNA | Cisco DevNet Associate
- Spring Boot Microservices and Spring Cloud. Build and Deploy (Udemy)

Education

Gyan Ganga Institute of Technology & Sciences
Jabalpur, M.P (INDIA)
B.TECH. IN COMPUTER SCIENCE ENGINEERING (CGPA: 8.45)
Aug 2018 – May 2022