

NITIN VARSHNEY

Java Developer

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PROFESSIONAL SUMMARY

Results-driven **Java Developer** with **3 years of experience** in **designing, developing, and deploying scalable software solutions** for **enterprise and financial services applications**. Proven track record of **optimizing application performance by 30%**, **reducing database query time by 40%** and delivering high-quality, secure, and efficient solutions. Proficient in **Spring Boot, Hibernate and microservices architecture**, with expertise in **RESTful APIs, cloud computing (AWS), and DevOps practices**. Passionate about **performance optimization, clean coding principles, and system security**. Seeking to contribute to a **collaborative and innovation-focused team**.

KEY ACHIEVEMENTS

- **Optimised API response times by 50%**, improving system **efficiency** and **scalability**.
- Developed a **microservices-based** solution, increasing application **scalability** and **flexibility**.
- **Mentored 3 junior developers**, **enhancing team productivity** and **knowledge-sharing culture**.
- Led code review sessions, ensuring **high-quality, maintainable code**.
- **Data Structures & Algorithms (DSA)** problems on platforms like **LeetCode** improving **problem-solving skills**.

TECHNICAL SKILLS

- **Programming Languages:** Java, C, C++
- **Frameworks & Tools:** Spring Boot, Hibernate, Spring Security, Swagger, Log4j/Logback, JWT, Kafka, Spring Scheduler, Maven
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Cloud:** AWS (EC2, S3, Lambda)
- **Data Structures & Algorithms:** Proficient in problem-solving and competitive programming.
- **Version Control & APIs:** Git, GitHub, SVN, RESTful APIs, Postman

WORK EXPERIENCE

Software Engineer | Aurion Pro Solutions Ltd. | May 2024 – Present

- Developed and optimized enterprise **Java applications** using **Spring Boot, Hibernate, and Spring JDBC** for **financial services**.
- Designed and implemented **RESTful APIs** and **microservices** to enhance system modularity.
- Improved **database performance**, optimizing queries using **PostgreSQL**, reducing query time by **40%**.
- Conducted **code reviews, unit testing, and performance tuning** to ensure application stability and maintainability.

Software Engineer | Radius Synergies International Pvt. Ltd. | Jan 2022 – April 2024

- Engineered and maintained **IoT-based Smart Metering Systems** and **Feeder Monitoring Systems** using **Spring Boot** and **Spring JDBC**.
- Implemented **real-time monitoring** with **REST APIs** and **JSON-based data processing**, ensuring 99.9% system uptime.
- Reduced **heap memory utilization by 17%**, improving overall system efficiency and server performance.
- Developed a **scheduler-based Rule Engine** for real-time **database monitoring** and **automated notifications (Email, SMS)**, enhancing alert efficiency by 25%.

PROJECTS

Smart Meter with NIC (IoT)

- Developed a **real-time IoT application** transmitting **power consumption data** every **30 seconds**.
- Integrated **Kafka** for event-driven communication and **Spring Boot** for API interactions.

Feeder Monitoring System

- Designed a **power distribution monitoring solution** using IoT sensors to track **voltage, current, and power factors**.
- Optimized **data processing** using **Spring Boot and MongoDB**, reducing latency by **35%**.

Rule Engine – Automated Notifications

- Developed a **scheduler-based engine** that **detects threshold breaches** and triggers **automated alerts via Email/SMS**.
- Utilized **Spring Scheduler** and **Java Mail API** for seamless automation, decreasing manual intervention by **50%**.

PROFESSIONAL DEVELOPMENT

- **Speaker at Java Meetup 2024** on **Best Practices in Microservices Architecture**.
- **Contributed to open-source projects** on GitHub related to **Spring Boot and microservices**.
- **Participated in Hackathons**, solving real-world system architecture challenges.

EDUCATION

Master of Computer Applications (81.6%):

ABES Engineering College (AKTU), Ghaziabad, UP (2020 – 2022)

CERTIFICATIONS & ADDITIONAL SKILLS

- **AWS Certified Cloud Practitioner (Expected Completion: 2025)**
- **Financial Services Knowledge: Payment**
- **Messaging Queues: Kafka, RabbitMQ**