

ANUPAM GUIN

SENIOR FULL STACK JAVA DEVELOPER

JOB OBJECTIVE

An enterprising professional targeting to express potential and deliver results via senior-level assignments in **Front-end Java Development** with an organization of high repute.

CONTACT

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CORE COMPETENCIES

- Cloud Computing Strategies
- **Software Development Life Cycle**
- **Agile Methodologies (SCRUM)**
- Performance Tuning Techniques
- Security Frameworks & Standards (**ISO 27001, GDPR, NESA, OWASP**)
- Microservices Design Patterns
- **Micro Front-end Architecture**
- Continuous Integration/Continuous Deployment (CI/CD)
- Data Structures and Algorithms
- **User Experience Optimization**
- **System Architecture Design**
- Cross-functional Collaboration
- **SAP Integration**
- **IoT & AI/ ML Integration**

TECHNICAL SKILLS

Languages: Java 21, C

Backend: Spring Boot, Microservices Architecture, Spring Cloud, Spring Security, Spring Webflux, Apache Kafka JPA, Hibernate, Spring MVC, Rest Ful API, J2EE (Servlets & JSP), JUnit, Performance Testing, Load Testing using JMeter

Frontend: React JS, Redux, Webpack, JavaScript, Micro Front-end Architectures, Progressive Web App (PWA), HTML, CSS, Bootstrap, Google Map API, Leaflet, High Charts, Fusion Charts

Tools: Kubernetes, Docker, SonarQube, Jenkins, GIT, Linux, Maven

Platforms: AWS, PostgreSQL, Redis, Nginx

PROFILE SUMMARY

- Leverage a wealth of experience exceeding **3.5 years** in **software development**, concentrating on **full-stack Java development** and demonstrating expertise in both **backend** and **frontend technologies**.
- Driving the design and implementation of scalable applications in the role of **Senior Full Stack Java Developer** at **eTrans Solutions**, enhancing overall system performance and team collaboration.
- Progressed through various roles, starting as a **Java Developer** and advancing to **Senior Full Stack Java Developer**, acquiring a diverse skill set that encompasses microservices, cloud computing, and performance tuning.
- Skilled in executing the **Software Development Lifecycle (SDLC)** from requirement analysis, documentation, coding, testing to maintenance of proposed applications.
- Comprehensive expertise in **cloud platforms**, especially **AWS**, to develop applications that leverage cloud-native features for enhanced scalability/ reliability.
- Rich understanding of **security protocols** and **best practices**, ensuring development of secure applications that adhere to industry standards and protect sensitive data.
- Strong command of **Java, Spring Boot**, and **React.js**, complemented by expertise in **cloud technologies** and **microservices** and **micro front-end architecture**, enabling the delivery of high-quality, scalable applications that meet business requirements.
- Recognized for **exceptional problem-solving abilities**, consistently identifying and addressing performance bottlenecks, which has led to improved application responsiveness and user satisfaction.

WORK EXPERIENCE

eTrans Solutions, Kolkata, India | Jul'2021 Onwards | **Senior Full Stack Java Developer**

Growth Path:

Java Developer – Full Stack Java Developer – Senior Full Stack Java Developer

Key Result Areas

- Creating **fault-tolerant microservices architecture** using Spring Cloud Gateway, Eureka, Kafka, RabbitMQ, Spring Security, JWT, OAuth2 for availability & security.
- Driving implementation of **microfrontend architecture** with React.js & Webpack 5, enhancing modularity, maintainability, scalability for development and deployment.
- Establishing **CI/CD pipelines** through Jenkins, Docker containerization, and Kubernetes, streamlining deployment processes and efficient application scaling.
- Developing robust **authentication and authorization frameworks**, incorporating reCAPTCHA, MFA, and encryption protocols (AES, RSA, data masking), while ensuring OWASP compliance and addressing critical security vulnerabilities.
- Optimizing **system performance** through distributed caching, load balancing, and performance tuning, resulting in enhanced application efficiency and reliability.
- Collaborating with **cross-functional teams** to identify and mitigate process gaps, driving continuous improvement initiatives that enhance operational efficiency.
- Engaging in **performance assessments** and **system audits** to ensure compliance with security best practices and to identify areas for further optimization.
- Conducting **code reviews** and providing **mentorship to junior developers**, fostering a culture of continuous learning and improvement within the development team.

AWARDS & ACHIEVEMENTS

- Awarded **Topper 1% in NPTEL Java Examination** conducted by IIT Kharagpur with 97% score.
- Attended an Ethical Hacking workshop at IIT Kharagpur

CERTIFICATIONS

NPTEL: Programming in Java

Conducted by IIT KGP

Geeks for Geeks: 11th Week DSA Workshop

Emirates Institute of Advance Technology:
Certified Agile Scrum Master (CASM)

EDUCATION

Bachelor of Technology - Computer Science Engineering

Templecity Institute of Technology & Engineering, Bhubaneswar, Odisha, India
2018 – 2022

PERSONAL DETAILS

Date of Birth: 09.05.2000

Languages Known: English, Hindi, Bengali, Odia

Address: Kolkata, WB, India

Nationality: Indian

Passport Details: V9622733

Driving License: Yes, Indian

Marital Status: Single

No. of Dependents: 4

Highlights

- Achieved a **30% improvement in system performance** and a **25% reduction in deployment cycles** by implementing optimized microservices architecture.
- Enhanced **scalability and developer autonomy** by introducing dependency and component sharing in micro frontend architecture, improving performance with caching, compression (gzip, Brotli), and enabling offline functionality via PWA.
- Delivered a **40% increase in application performance** and a **20% reduction in infrastructure costs** through effective performance optimization strategies.
- Seamlessly deployed applications to production environments using **automated CI/CD pipelines**, ensuring consistency and reliability in deployments.
- Strengthened application security** by mitigating vulnerabilities and implementing security measures, contributing to compliance & secure production environments.

PROJECTS UNDERTAKEN

VTrack System - Real Estate Solution

- Designed and developed a **robust real estate system** focused on analysis, administration, and payment processes.
- Enhanced user experience, system reliability, and security while **improving operational efficiency by 20%** using Microservices with Spring Cloud and React JS.

Distributed Caching Mechanism

- Implemented a distributed caching solution with Spring Boot and Redis, supporting multiple nodes to **reduce database hits by 55%** and enhance system performance.

Legacy Systems Modernization - Micro-Frontend Design

- Led the design and deployment of a **micro-frontend architecture** enabling seamless integration of features by independent teams.
- Enhanced system performance with shared components, efficient caching, and file compression (gzip/Brotli), **reducing file size by 47–78%** and **latency by 38%**.
- Integrated Nginx** as a reverse proxy and PWAs for offline functionality.

Scheduled REST API

- Developed a **Spring Boot Scheduler** for GPS data transmission for **100K+ vehicles**.
- Achieved 99.9% uptime** through resilience patterns, effective error handling, and high-performance data throughput with minimal latency.

Vehicle Security Implementation

- Engineered a **security solution** for remotely locking vehicles and disabling ignition in case of theft, enhancing asset protection.

Real-Time Vehicle Tracking Solution

- Deployed a **feature-rich real-time vehicle tracking system** with functionalities like geofencing, asset positioning, trip analysis, and live tracking on Google Maps.
- Delivered **complex map-based solutions** with optimized performance using advanced data structures and algorithms, achieving 99.99% uptime.

Stock Management System

- Streamlined **inventory management processes** for millions of items, optimizing business operations using Spring Boot and Microservices architecture.