

JOB OBJECTIVE

An enterprising professional targeting to leverage advanced coding, automation, and deployment skills in Java Development, Frontend, and Cloud & aiming for senior-level assignments that drive organizational growth and robust security measures.

CONTACT

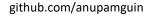
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CORE COMPETENCIES

- **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

ANUPAM GUIN

SENIOR FULL STACK JAVA DEVELOPER

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.