**[Prem Kumar](https://www.linkedin.com/in/prem-kumar-t-022278210/)**

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**Profile Summary**

Senior Software Engineer with 4+ years of experience in Java/J2EE development, architecting scalable and high-performance solutions in telecom orchestration and financial management domains. Adept in the complete software development lifecycle within Agile/Scrum frameworks, with a strong focus on analytical problem-solving, performance optimization, and system resilience. Expertise in designing and maintaining distributed microservices architectures. Proven success in modernizing legacy applications and transitioning VM-based infrastructures to container-first, cloud-native ecosystems. Proficient in implementing CI/CD automation to streamline build, test, and release pipelines for accelerating delivery cycles and enhancing platform reliability. A collaborative team player with a consistent track record of delivering robust, production-grade solutions across cross-functional teams. Passionate about leveraging emerging technologies and generative AI to boost engineering productivity and drive architectural innovation.

**Technical Skills**

* **Languages** Java, PL/SQL, Cypher, Shell scripting, JavaScript
* **Domain** Telecom OSS, Financial Instruments Management
* **Frameworks** Spring Boot, Junit5, Mockito
* **Build Tools** Apache Ivy, Apache Ant, Apache Maven
* **CI/CD Tools** Git, Jenkins CI, Docker, Kubernetes
* **Architecture Style** Monolithic, Microservices, Spring Modulith
* **Communication Mechanisms** Apache Kafka, RESTful APIs
* **API Documentation/Testing** Open API (Swagger), Postman, Insomnia, Curl
* **Cloud Platform** Amazon Web Services
* **Secondary Skills** HTML5, CCS3, AngularJS
* **Operating Systems** Linux, Windows
* **Business Process Management** BPMN, Flowable

**Professional Experience**

**Software Development Specialist | NTT Data Global Delivery Services, Bangalore | Jul 2025 – Present**

* Developed and maintained software modules for the financial instruments management system.
* Ensured system reliability and compliance with financial regulations and standards.
* Contributed to workflow optimization, continuous improvement initiatives, and production support.

[**Technology Analyst**](https://drive.google.com/file/d/1fgt_-B5n5khVuv46lX3c4AYPnUOrsieH/view?usp=sharing) **| Infosys Limited, Chennai | Jan 2022 – Jun 2025**

* Proficient in telecom service design, provisioning, network activation, and fault Management.
* Worked in development & maintenance of Telecom OSS microservices within a distributed architecture.
* Production incidents resolved promptly, resulting in a 70% increase in client satisfaction.
* Managed multiple microservices in containerized environments leveraging Docker and Kubernetes.
* Designed BPMN workflows using the Flowable engine to automate and orchestrate business processes.
* Transformed monolithic application into distributed microservices, ensuring modularity and scalability.
* Ensures adherence to code standards and security guidelines to deliver secure and compliant software solutions.
* Modernized legacy codebases for compatibility with the latest Java libraries and to address security vulnerabilities.
* Participated in code reviews, mentored juniors, and contributed innovative ideas during brainstorming sessions.

**Online Tutor | Focus Edumatics, Coimbatore | Oct 2021 – Jan 2022**

* Provided personalized, chat-based math tutoring to students, adapting instruction to individual learning needs.
* Ensured consistent student engagement and academic progress through tailored guidance and feedback.

**Awards**

* Awarded for contributing to major deliveries and demonstrating excellent work ethics. [*Jun 2023*](https://drive.google.com/file/d/12PYJ189N7u6_G5bUN6OW-NpiAvR5v_ul/view?usp=drive_link)
* Earned an appreciation certificate for quickly learning different modules of a system. [*Sept 2023*](https://drive.google.com/file/d/12RoHKY0M2MK2dhRWJlK4nwqHeCr4ilNw/view?usp=sharing)
* Commended for showing outstanding commitment in the legacy code modernization process. [*May 2024*](https://drive.google.com/file/d/12S-gh9IqGCiRbrh6Md_vN1mM5wee_21q/view?usp=drive_link)
* Acknowledged for team spirit and focusing on achieving high-quality milestones. [*Mar 2025*](https://drive.google.com/file/d/12OP3pv-KBXmkBijvUgya0QCbcGPCQ6os/view?usp=drive_link)

**Certifications**

* [Java SE8 Developer](https://drive.google.com/file/d/1QoBT7nZzDVfTUO5ZNPCi9ZW8yXtcl_ov/view?usp=sharing)
* [Angular Developer](https://drive.google.com/file/d/1KC9AEpgIsAD9V9b-ZD2I5bv0BKvN0guI/view?usp=sharing)
* [Unix Programmer](https://drive.google.com/file/d/1g3sgeajYVizC8Kl6Pnq7XA90Fx12Bxze/view?usp=sharing)
* [Global Agile Developer](https://drive.google.com/file/d/1AV6ouln25E16LaG3Ol_n_jAMogRPT-Ci/view?usp=sharing)
* [Apache Kafka Developer](https://drive.google.com/file/d/1moaWU5rZ_vMyoSpb_ntCaIWjffNfymY-/view?usp=sharing)
* [Neo4j certified Professional](https://graphacademy.neo4j.com/c/c2edbf84-585e-463f-87fa-3c946e652f5d/)

**Education**

[**KIT–KalaignarKarunanidhi Institute of Technology, Coimbatore**](https://drive.google.com/file/d/1LBu7BlDB6oKvtccmg7gjOuNKsu2A7ezq/view?usp=sharing) **| Aug 2017 – Mar 2021**

Bachelor of Engineering in Electronics and Communication Engineering

CGPA – 7.9