

# GANESAMOORTHY CHIDAMBARAM

Lead Software Engineer – Java | Spring Boot | Microservices

Certified ScrumMaster®

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## PROFESSIONAL SUMMARY

Lead Software Engineer with **14+ years of experience** designing, developing, and leading **enterprise-scale Java applications** using **Spring Boot, Microservices, and RESTful architectures**. Proven track record of delivering **high-availability, secure, and scalable systems** for **government and mission-critical platforms** across **India, Saudi Arabia, and Europe**. Strong expertise in **system design, performance optimization, secure coding practices, and mentoring teams of 3–5 engineers**. Certified ScrumMaster® with hands-on leadership across the **full SDLC in Agile environments**.

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## KEY SKILLS

Java, Spring Boot, Microservices, REST APIs, Apache Camel, IBM MQ, RabbitMQ, Oracle, PostgreSQL, Azure DevOps, CI/CD, Secure Coding, Agile, Scrum

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## CORE TECHNICAL SKILLS

**Programming Languages:** Java, J2EE

**Frameworks & Libraries:** Spring, Spring Boot, Hibernate, Vaadin

**Architecture & Design:** Microservices, REST APIs, SOAP, Distributed Systems

**Messaging & Integration:** IBM MQ, RabbitMQ, ActiveMQ, Apache Camel

**Databases:** Oracle, MySQL, PostgreSQL, MS SQL

**Servers:** WebLogic 10.3.6, Apache Tomcat

**Cloud & DevOps:** Azure DevOps, Git, SVN, CI/CD Pipelines

**Security & Code Quality:** SonarQube, HP Fortify, Burp Suite, Secure Coding

**In-Memory Technologies:** Hazelcast, Redis

**Tools:** Postman, SoapUI, Jasper Reports, Apache POI, Burp Suite, HP Fortify, YourKit

**Operating Systems:** Windows, Ubuntu

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## PROFESSIONAL EXPERIENCE

**CrimsonLogic India Pvt Ltd (PSA Group)**

**Lead Software Engineer – (Java / Microservices) | Jan 2018 – Present**

**Project: ConEqTer**

**Client: PSA – Antwerp, Belgium**

Mission-critical middleware platform integrating container terminal operating systems with yard equipment for real-time port operations.

### Key Contributions:

- Led **end-to-end development** of **Java and Spring Boot-based microservices** supporting **24/7 port operations**.
- Designed and implemented **RESTful APIs** and **message-driven integrations** using **Apache Camel and MQ systems**.
- Enhanced **system performance, scalability, and reliability** for high-volume operational data.
- Led and mentored a team of **3–5 engineers**, conducted **code reviews**, and guided developers on domain workflows.
- Collaborated with cross-functional and international stakeholders to deliver enhancements, change requests, and production fixes.

## Project: FASAH Services

**Client:** TABADUL Co. / Elm – Riyadh, Saudi Arabia

National digital trade platform streamlining import and export operations across Saudi Arabia.

### Key Contributions:

- Led development of **large-scale enterprise applications** using **Java, Spring Boot, and Hibernate** and supporting 24/7 port operations handling high-volume container data.
  - Designed and integrated **government and third-party APIs** to streamline trade and compliance workflows.
  - Worked **on-site in Saudi Arabia**, supporting operations and gathering business requirements.
  - Ensured **secure, scalable, and compliant** system behaviour for government platforms.
  - Improved system performance by **30%** by optimizing Spring Boot microservices and MQ integrations.
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## Kompac Digital Systems (CODIIS)

**Senior Software Engineer – Java** | *May 2017 – Jan 2018*

### Project: CODIIS

- Developed applications using **Java, Servlets, JSP, Hibernate, WebRTC, and Jasper Reports**.
  - Contributed to **real-time communication features** optimized for low-bandwidth environments.
  - Provided production support, troubleshooting, and performance improvements.
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## Web2School Edu Systems

**Senior Software Engineer – Java** | *Feb 2011 – Mar 2017*

### Project: Web2School

- Led development of **cloud-based education platforms** using **Java, Vaadin, and Hibernate**.
  - Collaborated with clients for **requirements gathering and solution delivery**.
  - Optimized backend performance and designed database schemas using **MySQL and PostgreSQL**.
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## P.S.K Engineering Construction

**System Engineer** | *Jun 2010 – Jan 2011*

- Provided system and network troubleshooting support.
  - Coordinated cybersecurity measures and data backup protocols.
  - Managed and optimized network infrastructure for secure communication.
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## EDUCATION

### Bachelor of Engineering (Computer Science)

Anna University, Tamil Nadu, India | 2010

### Diploma in Computer Science

DOTe, Tamil Nadu, India | 2007

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## CERTIFICATIONS

- Certified ScrumMaster® (CSM) – Scrum Alliance
- AZ-900 Azure Fundamentals – Udemy
- Principles of Secure Coding – Coursera
- Certificate Program in Advanced Java Programming – NIIT
- AI Tools Workshop – be10X