**RAGHU VENKATACHALAPATHY**

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**PROFESSIONAL SUMMARY**

Senior Java engineer with extensive experience designing and delivering resilient, high‑performance systems using Core Java, Spring, and Spring Boot. Specializes in microservices, RESTful APIs, CI/CD, and cloud‑native delivery on AWS with Docker/Kubernetes. Trusted across the full SDLC — architecture and design through hands‑on development, testing, deployment and production support. Strong advocate of engineering excellence (TDD, code reviews, pair programming) and a pragmatic mentor who elevates code quality and team capability.

**CORE SKILLS**

* Core Java (streams, concurrency, performance tuning), OOP & functional programming
* Spring & Spring Boot, Spring WebFlux, RESTful APIs, JPA/Hibernate
* Microservices design & patterns, service‑to‑service communication
* CI/CD (Jenkins, Bamboo), Git, Code reviews, TDD, pair programming
* AWS (Lambda, S3, SQS, EKS), Docker, Kubernetes
* Databases: MySQL, Postgres, Oracle, NoSQL/Knowledge Graph, SQL & PL/SQL
* Linux/Shell scripting, Unix Bash, Groovy scripts
* Observability: ELK, SonarQube, Messaging: Kafka

**CAREER SNAPSHOT**

Senior/Lead Developer — Macquarie Bank (Jul 2024 – Present)

Lead Java Developer — Capsifi (Aug 2021 – Mar 2024)

Senior Java Developer — Booktopia (Jun 2011 – Aug 2021)

Senior Java Developer — Fox Sports (Nov 2010 – May 2011)

Java Developer — Office of State Revenue (May 2010 – Sep 2010)

Java Developer — Telstra (Jan 2009 – Feb 2010)

Java Developer — Ericsson Managed Services (May 2007 – Nov 2008)

**PROFESSIONAL EXPERIENCE**

**Macquarie Bank — Senior Developer** *Jul 2024 – Present*

* Surveillance System Replacement: partnered with architects and stakeholders to design modern, reliable services, owned delivery across analysis, design, implementation and production support.
* Optimized Elasticsearch index usage for alert migration by crafting advanced JSON extraction queries and utilities, improving migration accuracy and speed.
* Built alert‑migration tooling (quickly mastering Python to resolve versioning conflicts) for moving closed alerts to WORM storage.
* Hardened CI/CD by resolving Bamboo + Python agent issues, provisioned AWS infra via CloudFormation for consistent environments.

*Stack: Java, Python, Vue.js, AWS (Lambda, EKS, S3, SQS), Docker, Kubernetes, Elasticsearch, Git*

**Capsifi — Lead Java Developer** *Aug 2021 – Mar 2024*

* Led move from a Scala Play monolith to Spring Boot microservices, unlocking scalability and faster iteration.
* Designed and delivered RESTful APIs and OpenAPI specs, established error‑handling strategies fit for a microservices landscape.
* Introduced centralized configuration via GitHub, set foundations with API Gateway, Eureka, Keycloak and Spring Cloud Config.
* Developed reactive services with Spring WebFlux for responsive, back‑pressure aware flows.
* Implemented ELK logging, Kafka for messaging, Hazelcast for distributed caching to boost performance and reliability.
* Built Docker images with Gradle, authored Kubernetes manifests and secrets, automated ops with Python and shell scripts.
* Established CI/CD on Jenkins with SonarQube quality gates, performed rigorous code reviews and mentored developers.

**Booktopia — Senior/Lead Java Developer** *Jun 2011 – Aug 2021*

* Owned enhancements to the Booktopia website and led delivery of an in‑house CMS (JSF, Spring, JPA).
* Built RESTful web services powering Android UI integration.
* Implemented event‑driven processing with AWS Lambda and SQS, collaborated with stakeholders in Agile teams.
* Improved CMS performance by ~20% via targeted optimizations, introduced lazy‑load patterns to enhance UX.

*Stack: Java, Spring, JSF, JPA, JBoss, AWS (Lambda, S3, CloudFormation), Docker, Unix, Agile*

**Fox Sports — Senior Analyst/Developer (Java)** *Nov 2010 – May 2011*

* Built central sports database services using Spring and DAO layers, coordinated with UX/testing to deliver on schedule.
* Applied performance testing to reduce production costs, delivered ahead of plan on Unix environments.

**Office of State Revenue — Java Developer** *May 2010 – Sep 2010*

* Delivered 'Further Reps' queue features end‑to‑end with JSF, EJB 3.0, JPA and Oracle.
* Extended stateless EJBs, crafted JSF UIs, and implemented PL/SQL procedures and triggers for audit reporting.

**Telstra — Java Developer** *Jan 2009 – Feb 2010*

* Developed UI components for Bigpond Registration Application, integrated with legacy tracking (memetrics toolkit).
* Partnered with BAs/users to refine requirements, built discount module for multiple signup paths.

**Ericsson Managed Services — Java Developer** *May 2007 – Nov 2008*

* Delivered Java enhancements and platform integrations in a telecom operations setting.

**TECHNICAL EXPERTISE**

Operating Systems: Windows, Unix, Linux

Languages & Technologies: Java, Spring, Spring Boot, Spring WebFlux, RESTful Web Services, JPA, Hibernate, EJB, JDBC, Servlets, Swing, Groovy, Python, JUnit

Web: HTML, CSS, JavaScript, Ajax, PrimeFaces, DHTML, JSP, JSF

Dev Tools: Java 17/11/8/7, Eclipse, IntelliJ, Git, SVN, CVS, Gradle, Maven, Ant

App Servers: IBM WebSphere, JBoss EAP 6.4, Tomcat 6

Databases: MySQL, Postgres, Oracle, SQL, PL/SQL, Knowledge Graph

Protocols: TCP/IP, HTTP, HTTPS

Build/Design: Jenkins, SonarQube, OOAD (UML), MS Visio

Cloud: AWS, Azure

Scripting: Unix Bash, PowerShell, Groovy scripts

Project Tools: JIRA, Confluence, JIRA Service Desk

Containerization & Orchestration: Kubernetes, Docker

**EDUCATION & CERTIFICATIONS**

Bachelor of Engineering (Computer Science), Bangalore University

AWS Certified Solutions Architect – Associate

Kubernetes Training (Simplilearn)

**REFEREES**

Available on request.