

Deepak Sekarbabu

Solution Architect & Lead Java Developer

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Objective

As a Solution Architect and Lead Java Developer with 12+ years' experience, I specialize in designing and delivering scalable, high-performing Java solutions. I excel in fast-paced settings, tackling complex challenges with practical, business-focused results. Skilled in reverse engineering and optimizing existing systems, I help organizations unlock greater efficiency and value.

My expertise spans API development (Spring Boot, Apache Camel), cloud-native technologies (Docker, Kubernetes), and both SQL & NoSQL databases. I have a proven track record integrating enterprise solutions with Apigee and driving DevOps best practices (CI/CD pipelines, automation).

Known for clear communication, I bridge the gap between technical teams and business stakeholders, ensuring solutions aligned with commercial goals. I'm passionate about continuous improvement, mentoring, and fostering collaborative teams to deliver real business impact.

Work Experience

Tata Consultancy Services Ltd

Assistant Technical Consultant

11/2021 - Till Date

Telia Finance

- Designed scalable APIs for seamless integration between legacy COBOL and modern systems, enabling smooth transitions during system migrations.
- Experimented & enabled the team to utilize Gen AI (e.g., GitHub Copilot, MCP Tools) for code reviews productivity boosts and efficiency.
- Developed Java-based microservices for Asset, Invoicing and Lifecycle modules and integrated with companies' developer portal to streamline customer onboarding.
- Led front-end and back-end optimization of sales tools, enhancing customer experience and operational efficiency.
- Migrated legacy invoice application to a modern framework and implemented Azure AD for secure authentication.
- Built SharePoint APIs for internal financial document management using reactive programming, improving responsiveness and reliability.

Tata Consultancy Services Ltd

IT Analyst

02/2017 - 11/2021

Telia, CoreLogic

- Elevated DevOps maturity by implementing CI/CD pipelines, security scanning, and automated testing, improving release quality and speed.
- Developed microservices adhering to TM Forum API standards, enhancing system interoperability.
- Integrated Apigee proxies for seamless system integration.
- Built monitoring dashboards (Grafana, Splunk) for real-time visibility and proactive issue resolution.
- Automated pre-live testing with Robot Framework, reducing manual effort by 2 days per sprint.
- Implemented OIDC authentication for secure user access.
- Managed regulatory compliance by addressing HMDA and UCD requirements, ensuring ongoing adherence to industry standards.
- Enhanced application functionality by developing features such as Plan Change and LFG data mapping, supporting evolving business needs and regulatory requirements.

Infosys Technology Ltd
 Senior Software Engineer

02/2015 - 02/2017
 PepsiCo

- Overhauled the Promotional Contract Management System, optimizing rebate claim processing and delivering a more efficient, reliable tool for sales teams.
- Developed Jasper Reports for agreement management, supporting customer review, internal reporting, and bid allowance tracking, which improved decision-making and streamlined operations.
- Automated product price change notifications with shell scripts, ensuring timely, accurate communication with stakeholders.
- Improved application performance by introducing in-row archival with Oracle 12C, optimizing data management and retrieval.

Bahwan Cybertek Ltd
 Software Engineering

11/2012 - 02/2015
HDFC, NCB & TelBru

- Developed features include auto email configuration, DNS support, and report pagination, enhancing user experience and system flexibility.
- Led validation enhancements for SWIFT messages, improving compliance and data integrity.
- Participated in the migration of applications from WebSphere Application Server 6.x to 8.x and SQL Server 2005 to 2012, supporting successful production deployments and post-launch support.

Education

B.E. Computer Science & Engineering
 Anna University, 2008-2012 | GPA: 7.84/10

Skill

Technical Skills:

- **Languages:** Java (8-21)
- **Frameworks:** Spring Boot, Spring Batch, GraphQL, Apache Camel, Hibernate, ReactJS
- **DevOps:** CI/CD, Docker, Kubernetes (Rancher), Jenkins, GitHub Actions
- **Cloud:** AWS, Azure
- **Monitoring:** Splunk, ELK, Grafana
- **Database:** PostgreSQL, MySQL, MariaDB, NotesDB, Oracle, MongoDB
- **Tools:** Apigee, Jasper Reports, Robot Framework, Github Copilot

Soft Skills:

- Agile Leadership
- Cross-Functional Collaboration
- Team Management & Mentorship
- Accountability & Ownership
- Continuous Improvement Advocate
- Clear & Confident Communication

Interest

- Cloud-Native Architecture
- Artificial Intelligence & Generative AI
- System Performance Optimization
- Legacy System Modernization
- Reading & Writing Technology articles and blogs
- Open-Source Contribution

Certifications

- Certified SAFe® Practitioner (SP)
- AWS Certified Cloud Practitioner
- Oracle Certified Professional, Java SE 6 Programmer

Key Achievements

- Awarded "AI Champion" for pioneering the adoption of AI tools in development processes, leading to measurable improvements in team efficiency.
- Transformed team DevOps practices, progressing from no pipeline to a robust CI/CD setup, while instilling security best practices and awareness among developer.