

# 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

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B.E. Computer Science & Engineering

Anna University, 2008-2012 | GPA: 7.84/10

## Skill

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### 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

## Soft Skills:

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

## Interest

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

## Certifications

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

## Key Achievements

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- 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.