

# Rajkeshwar Prasad

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Nürnberg, Bavaria, Germany

Lead Fullstack Engineer | Java/Spring Boot • React/Angular • Microservices

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Work Authorization: EU Blue Card (No sponsorship required)

## PROFESSIONAL SUMMARY

Lead Fullstack Engineer with 15+ years delivering enterprise Java/Spring Boot backend systems and modern frontend applications for global financial institutions including Bank of America, DBS Bank, and ING Bank. Specialized in building scalable microservices architectures, RESTful APIs, and high-performance banking solutions serving millions of users.

### Key Achievements:

- Spring Boot microservices for banking chatbot serving 360K+ monthly users, with custom API wrapper layer integrating third-party AI intent services
- Built a framework-agnostic chatbot with Web Components, integrated into 15+ banking apps, cutting customer support tickets by 25%
- Built enterprise component libraries consumed by 50+ applications across DBS Asia Hub, improving development velocity by 35%
- Optimized JDBC via Spring Data JPA & @Query. Moved logic to SQL, cutting API response time 30% and DB load 40%.
- Established CI/CD pipelines reducing deployment cycles from 3 hours to 15 minutes using Docker and GitLab runners

## TECHNICAL EXPERTISE

Java (10+ yrs), Spring Boot (8+ yrs), Spring MVC, Hibernate/JPA (8+ yrs), React (8+ yrs), Angular (10+ yrs), Vue (4+ yrs), TypeScript (9+ yrs), JavaScript (14+ yrs), Node.js (10+ yrs), Lit, Micro Frontend Architecture, Docker, AWS, CI/CD, GitLab, Agile Delivery, Mentorship

## LANGUAGE SKILLS

- English: C2 (Fluent - Professional working proficiency)
- German: A1 (Basic - Currently improving to B1)

## TECHNICAL SKILLS

**Backend & APIs:** Java (Spring Boot, Hibernate, JPA), Node.js, Express.js, RESTful APIs, WebSocket, Multi-threading, (PostgreSQL, Oracle)

**Frontend:** React 18, Angular 12+, Vue 3, Web Components, Lit, TypeScript, HTML5, CSS3, Tailwind CSS, Material-UI, Bootstrap

**Architecture:** Micro Frontends, Module Federation, Design Systems, SSR, PWA, Responsive Design, Accessibility (WCAG 2.1)

**DevOps & Cloud:** Docker, Kubernetes, GitLab CI/CD, Jenkins, GitHub Actions, AWS (S3, CloudFront, Lambda, EC2), Azure, PCF

**Testing:** Unit Testing (Jest, JUnit), Integration Testing (Cypress, Playwright), E2E Testing, Storybook, SonarQube, Lighthouse

**Agile:** Agile/Scrum, Kanban, SAFe, Jira, Confluence, Azure DevOps

**AI Tools:** ChatGPT, GitHub Copilot for code generation, refactoring, and documentation

## PROFESSIONAL EXPERIENCE

### Lead Fullstack Consultant – ING GmbH (via HCLTech)

January 2019 - Present | Nürnberg, Germany

Banking & Financial Services | Enterprise Web Applications

#### Key Achievements & Responsibilities:

- Spring Boot chatbot API for 360K+ users; built an AI service wrapper with custom error handling, rate limiting, and caching strategies.
- Implemented robust exception handling, transaction management with @Transactional, and custom Spring interceptors for logging and monitoring
- Built framework-agnostic Web Components (Lit) chatbot UI integrated across 15+ banking applications
- Architected large-scale enterprise platforms and data-driven UI systems for mobility and financial domains.

**Technologies:** Spring Boot, Hibernate/JPA, Elasticsearch, PostgreSQL, Lit, TypeScript, Docker, GitLab CI/CD, Webpack

### Senior Associate – DBS Asia Hub 2

June 2017 - November 2018 | Hyderabad, India

Banking Technology | Fullstack Architecture

#### Key Achievements & Responsibilities:

- Architected CST UI Framework with Spring Boot & Angular; delivered scaffolding tools adopted by 30+ teams to boost DBS efficiency.
- Built reusable Angular component library with 50+ components standardized REST API integration patterns reducing development time by 45%.
- Optimized database performance through JPQL query tuning and Hibernate caching strategies, reducing API response times by 30% in high-transaction banking applications at DBS Bank

**Technologies:** Spring Boot, Hibernate/JPA, MySQL, Angular 7, TypeScript, AWS, Pivotal Cloud Foundry, JUnit, Jasmine

## UI Architect – Kanerika Software Pvt Ltd

June 2016 - June 2017 | Hyderabad, India

E-commerce & Logistics | Fullstack Dashboard Development

### Key Achievements & Responsibilities:

- Designed an OWB dashboard with Spring Boot; built REST & WebSockets for real-time tracking of 10K+ daily Nike, Oasis & Reebok orders.
- Built Angular library consumed by 8 apps with backend API integration patterns standardizing UI/UX across product suite.
- Worked with relational databases (Oracle, PostgreSQL) and ORM frameworks (JPA/Hibernate) with IntelliJ
- Implemented JPA/Hibernate entity relationships and optimized N+1 query issues using fetch strategies and JPQL joins

**Technologies:** Angular 2/4, TypeScript, D3.js, Chart.js, WebSocket, RESTful APIs, RxJS, Bootstrap, Git, Jira

## Senior Software Developer – Bank of America India Pvt. Ltd.

September 2014 - June 2016 | Hyderabad, India

Banking & Financial Services | Enterprise Fullstack Development

### Key Achievements & Responsibilities:

- Contributed to the enterprise Angular UI framework backed by Java Spring services.
- Built RESTful APIs with Java Spring for check processing services, implementing complex process management and audit logging.

**Technologies:** Spring Boot, JPA/Hibernate, AngularJS 1.x, JavaScript, RESTful APIs, Jenkins, Perforce

## EARLIER ROLES (2011–2014)

- Siemens Information Systems – Senior Software Developer (Java Spring, Maven, REST APIs, Eclipse, Jenkins) (July 2013 – Aug 2014).
- Ramyam Intelligence Lab, Bangalore – Software Developer (Spring, Hibernate, Oracle, AWS S3) (Sep 2011 – Jul 2013).

## KEY PROJECTS

**Search & Chatbot UI (ING Bank)** | Spring Boot, Elasticsearch, PostgreSQL, Lit Web Components, Docker  
Microservices-based chatbot with custom Spring Boot API wrapper and framework-agnostic frontend component

**CST UI Framework (DBS Bank)** | Spring Boot, Hibernate/JPA, MySQL, Angular 7, AWS  
Enterprise scaffolding tool with Spring Boot backend services, JPQL optimization, and cloud-ready deployment configurations

**OWB Tracking Dashboard (Kanerika)** | Spring Boot, JPA/Hibernate, Oracle, Angular, WebSocket  
Real-time courier tracking system with Spring Boot backend, WebSocket endpoints, and complex database queries for logistics workflow

**CheckServices Blueprint (Bank of America)** | AngularJS, RESTful APIs  
Reusable UI framework with starter templates and component library for banking applications

**COMPAS Platform (Siemens)** | Java Spring, EhCache, RESTful Services, Eclipse RCP  
Enterprise product configurator with Spring backend services, caching optimization, and SAP integration for electrical components

## EDUCATION

Master of Computer Applications (MCA) – Calcutta Institute of Technology, WBUT | 2010  
(Equivalent to German Master's degree - anabin Database compatible)

## CERTIFICATIONS

- Google Generative AI Leader Certification
- Google Associate Cloud Engineer Certification
- AWS Certified AI Practitioner Certification
- Oracle Certified Professional, Java SE 6 Programmer

## ADDITIONAL INFORMATION

### Open Source Contributions:

- Contributed to PrimeNG (Angular component library) and ing-bank/lion (Web Components library)
- Active GitHub profile with frontend architecture experiments and proof-of-concepts
- Regular contributor to internal UI libraries and component systems

### Professional Development:

- Currently improving German language skills (target B1 by Q2 2026)
- Active participant in local frontend developer meetups in Nuremberg/Munich area
- AI & Continuous Learning: Applying AI tools like ChatGPT and Copilot for documentation, refactoring, and performance review.