PRASANTH P

Full Stack Tech Lead & Architect | Java | Angular | React | Node.js | AWS Cloud

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PROFESSIONAL SUMMARY

Full Stack Tech Lead / Architect with 10+ years of experience architecting, leading, and delivering enterprise-grade applications end-to-end — from Java (Spring Boot) backend services and microservices to Angular (8-18) and React 18/Next.js frontends — for cloud-native SaaS platforms at scale. Equally comfortable owning backend architecture (REST APIs, microservices, SOLID/design patterns, PostgreSQL/MySQL/MongoDB/Redis data layers) and frontend architecture (component design, state management with NgRx/Redux, performance and SSR). Experienced across the full MERN stack (React, Node.js/Express, MongoDB) as well as the Angular/Java enterprise stack, with hands-on AWS and Microsoft Azure cloud deployment (EKS, S3, RDS, SQS, Docker, Kubernetes) and applied AI/LLM integration (RAG, LLM APIs). Proven record leading cross-functional engineering teams of 6-10+ engineers, owning system design and non-functional requirements (performance, scalability, security) across the stack, and mentoring engineers toward senior and architect-level roles.

CORE COMPETENCIES

Java & Backend Development: Core Java (Collections, Streams, Multithreading, Exception Handling) | Spring Boot & Spring MVC | OOP & SOLID Principles | Design Patterns | REST API Design | Microservices Architecture | GraphQL Basics

Angular Frontend Architecture: Angular 8-18 (Standalone Components, Signals, Server-Side Rendering & Hydration, Performance Optimization) | RxJS & NgRx State Management | Angular Universal SSR | TypeScript | Component Architecture & Design Systems

React / Node.js (MERN): React 18 (Hooks, Context API, Redux, Next.js) | Node.js Microservices | Express.js | MongoDB & Mongoose

Solution & Technical Architecture: Full-stack architecture design | Technology evaluation & selection | Design & code reviews | Coding standards & best practices | Non-functional requirements (scalability, performance, security)

Databases & SQL: SQL | PostgreSQL (query optimization, indexes, window functions) | MySQL | MongoDB | Redis caching

Cloud & DevOps: AWS (EKS, S3, RDS, SQS) | Microsoft Azure (App Service, SQL Database) | Docker | Kubernetes | CI/CD (Jenkins, GitHub Actions) | Helm

AI/LLM Integration: LLM API integration (OpenAI) | RAG concepts | Prompt engineering | Vector databases | LangChain

Engineering Leadership: Team leadership & mentoring toward senior/architect roles (6-10+ engineers) | Agile/Lean delivery | Testing (Jest, Jasmine, Cypress)

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), Java, SQL

Frontend: Angular 8-18 (Standalone Components, Signals, Server-Side Rendering), RxJS, NgRx, React 18, Redux, Next.js, HTML5, CSS3, SCSS, Bootstrap

Backend: Java (Spring Boot, Spring MVC), Node.js, Express.js, REST API design, Microservices, GraphQL basics

Architecture: System/full-stack design, Design patterns, Design & code reviews, Technology evaluation, Non-functional requirements

Databases: PostgreSQL, MySQL, MongoDB, Redis, SQL

Cloud & DevOps: AWS (EKS, S3, RDS, SQS), Microsoft Azure, Docker, Kubernetes, Jenkins, GitHub Actions, Helm

AI/LLM: LLM APIs (OpenAI), RAG Concepts, Prompt Engineering, LangChain

Tools: Git, Jira, Confluence, Postman, SonarQube, Devtron, Claude, GitHub Copilot

PROFESSIONAL EXPERIENCE

Technical Lead, Full Stack Engineering | **Mindsprint Information Services Pvt Ltd** *Apr 2025 – Present*

Bangalore

- **Architecting the Angular 18 frontend** for an enterprise invoice management SaaS platform (SprintAP) using standalone components and signals-based state management, and evaluating SSR/hydration improvements to enhance Core Web Vitals
- **Designing backend services in Java (Spring Boot)** — including Collections, Streams, and Multithreading — for invoice-processing microservices
- **Leading cross-functional team of 6+ engineers**; conducting architecture & design reviews, code reviews, and defining coding standards across the Angular and Java stack
- **Integrated AI capabilities** — RAG-based document search and LLM API integration — into the invoice processing workflow
- **Mentored 6 engineers** on Angular and Java architecture, design patterns, and SOLID principles; improved code quality by 25% using AI-assisted development tools (Claude, Claude Code, GitHub Copilot)

Assistant Consultant | Tata Consultancy Services Pvt Ltd *Jan 2025 – Mar 2025*

Bangalore

- **Delivered Angular 17 frontend solutions** (standalone components, RxJS-driven state management) for enterprise clients (MasterCard, Allianz Australia)
- **Built reusable, accessible Angular component libraries** aligned to enterprise design systems and coding standards
- **Participated in technical design discussions and code reviews** with client architects and stakeholders, covering both frontend and backend integration points
- **Collaborated with client stakeholders** to gather requirements, provide updates, and align deliverables

Lead Engineer, Full Stack Development (Functioning as Technical/Full-Stack Architect) | Olam Information Services Pvt Ltd *Jul 2022 – Dec 2024*

Chennai

- **Functioned as de facto Technical/Full-Stack Architect for three products** (Track&Trace, TruTrace, GeoDB), architecting the Angular 17 frontend (RxJS/NgRx state management, modular component architecture) for a team of 10+ engineers
- **Designed REST APIs and backend services in Java**, implemented authentication/authorization (JWT, Keycloak), and optimized database queries
- **Delivered complementary MERN-stack (React 18, Node.js, MongoDB) modules** for select product areas, enabling cross-platform flexibility
- **Owned architecture decisions and technology evaluation**; led design & code reviews and defined coding standards across the Angular, Java, and MERN stack
- **Integrated Azure cloud services**, and deployed and managed Kubernetes clusters; improved code quality metrics by 30%
- **Mentored junior and mid-level engineers** toward senior/lead roles, providing guidance on system design, debugging, and production troubleshooting

Senior Software Engineer | Relevantz Technology Services Pvt Ltd *Mar 2020 – Jun 2022*

Chennai

- **Owned end-to-end feature delivery** for the Digital Supplier Engagement platform, built on Angular 14 with supporting React and Node.js components, backed by PostgreSQL
- **Diagnosed and resolved complex bugs** across frontend and backend layers; improved system stability and user satisfaction
- **Refactored legacy code**, reducing technical debt by 25%; improved application performance

Junior Engineer | Infoview Technologies Pvt Limited *Jun 2016 – Feb 2020*

Chennai

- **Built and delivered Angular 8 frontend features** for the HUE Supply Chain Management platform, backed by Java 8, Spring MVC, and MySQL backend services
- **Developed full-stack features** spanning Angular UI implementation, Java backend services, and database design
- **Built foundational expertise in OOP, SOLID design principles**, and enterprise application architecture

EDUCATION

- Bachelor of Technology (B.Tech) in Computer Science | Anna University | Coimbatore | 2016

CERTIFICATIONS & CONTINUOUS LEARNING

- AWS Cloud Practitioner Essentials (AWS) | AZ-900 Microsoft Azure Fundamentals (Microsoft)
- Microservices with Node.js and React (Udemy) | Actively learning: Advanced Java/Spring Boot, Kubernetes, Advanced Angular Architecture

AWARDS & RECOGNITION

- Delivery Super Hero Award (OFI Awards, 2024) | Best Performer Award (Mindsprint, 2025, 2024)
- Best Team Award (Mindsprint, 2025, 2024)

LANGUAGES

English (Fluent) | Tamil (Native) | Kannada (Conversational)