

SYED JUNAID

Bangalore, India · (+91) 9916798057 · syedjunaid9008@gmail.com

PROFESSIONAL SUMMARY

Senior Full Stack Engineer with 7+ years (12,000+ work hours) building scalable, production-grade systems across healthcare, retail, and enterprise domains. Deep expertise in React/Next.js, Node.js, Java/Spring Boot, TypeScript, and modern backend architecture. Track record architecting performant RESTful APIs, containerizing applications with Docker, and applying system design patterns for microservices architectures. Strong focus on API lifecycle management (OpenAPI v3), security (IAM/RBAC), performance optimization, and Figma-to-code translation. Experienced with MySQL, MongoDB, Oracle, Redis and actively learning Kubernetes for cloud-native deployments. Proficient with Kafka, Solace messaging and cloud platforms (AWS, Azure).

TECHNICAL SKILLS

Frontend: React.js 16+, Next.js, SingleSPA (Micro-frontends), HTML5, CSS3, JavaScript/TypeScript, Tailwind CSS, Bootstrap, SASS

Backend & Frameworks: Node.js, Express.js, Spring Boot 2.X, Java 17+, PHP, Python

Mobile: React Native, Android Native

Databases: MySQL, MongoDB, Oracle, Redis, MariaDB, Couchbase, Database Design, Query Optimization

API Development: RESTful APIs, OpenAPI v3, Postman, API Lifecycle Management, API Versioning, Microservices

Messaging Systems: Solace, Kafka

DevOps & Infrastructure: Docker, Kubernetes (Learning), Jenkins, Terraform, CI/CD Pipelines, Nginx, Apache Tomcat

Cloud Platforms: AWS, Microsoft Azure

Linux: Ubuntu, RedHat - OpenShift

Version Control: Git, GitHub, GitLab

Collaboration Tools: Jira, Confluence, Miro, Mural

Architecture: System Design, Microservices Architecture, MVC, Repository Pattern, Factory Pattern, Singleton

Security: Identity & Access Management (IAM), JWT Authentication, RBAC, API Security

Design: Figma-to-Code Translation, Responsive Design, Component Architecture

AI & ML: AI Forecasting Models, Image Annotation Pipelines, Google Vision Transformer (ViT), Agentic AI

Methodologies: Agile/Scrum, Technical Leadership, Code Review, Documentation, Cross-functional Collaboration

PROFESSIONAL EXPERIENCE

Senior Software Engineer / Frontend Technical Lead

Oct 2023 – Present

GYR IT Solutions Pvt Ltd, Bangalore, India (Remote)

- **API Design & Lifecycle:** Architected secure, performant RESTful APIs for HMS, Asset Management, Pharmacy POS, Queue Management; pioneered complete API lifecycle including OpenAPI/Swagger documentation, versioning (v1/v2), rollout strategies, monitoring, deprecation policies; launched JWT authentication, RBAC, request validation, rate limiting, comprehensive error handling; slashed response times from 800ms to 120ms through query optimization and caching
- **Docker & System Design:** Containerized Node.js services using Docker; engineered multi-stage Dockerfiles cutting image sizes 60% (1.2GB to 480MB); orchestrated Docker Compose environments coordinating frontend, backend, MySQL containers; structured microservices separating authentication, patient management, pharmacy, lab, billing, queue management; applied MVC, Repository, Factory, Singleton patterns ensuring maintainable, scalable code
- **Database Architecture:** Modeled normalized MySQL schemas with 50+ tables handling complex relationships; accelerated query performance 65% via strategic indexing; configured connection pooling achieving sub-second response times under high loads; contributed expertise in MongoDB document modeling, Oracle enterprise databases, Redis caching
- **Frontend Leadership & Figma-to-Production:** Spearheaded HMS frontend architecture; developed modular Next.js/TypeScript component library following DRY principles; transformed pixel-perfect Figma designs into production components; coached 3 developers on React/TypeScript; formulated coding standards; trimmed development time 40%
- **Performance Engineering:** Integrated code splitting, lazy loading, tree shaking, bundle analysis cutting initial load time 40% (4.2s to 2.5s); executed profiling with Chrome DevTools/Lighthouse; boosted Core Web Vitals (LCP, FID, CLS); elevated WordPress site from page speed 45 to 92
- **Full-Stack Delivery:** Shipped complete products: Asset Management (Next.js + Node.js) with IAM/RBAC; Pharmacy POS with inventory/billing; Queue Management with appointment/kiosk tokens; AI Image Annotation for clinical diagnosis; voice-driven AI inventory assistant; UK Inventory System with Python AI forecasting reducing manual effort 70%
- **DevOps & CI/CD:** Deployed CI/CD pipelines using Jenkins and Terraform; oversaw staging/production environments on AWS and Azure; instituted Git workflows with feature branching, pull requests, code reviews; configured Nginx and Apache Tomcat server infrastructure

Senior Full Stack Web Developer

Jan 2019 – Mar 2023

Website Experts Pvt Ltd, Bangalore, India

- **High-Traffic Application Architecture:** Conceived, developed, and launched production web application for Times of India serving millions of daily users; structured scalable backend handling 100,000+ concurrent users with sub-second response times; rolled out load balancing strategies and horizontal scaling capabilities
- **API Development:** Crafted RESTful API endpoints for content delivery, user management, authentication, analytics; enforced proper HTTP methods (GET, POST, PUT, DELETE), status codes, error handling, JSON response formatting; authored API documentation and versioning strategies

- **Database Architecture:** Constructed normalized MySQL database schemas with 40+ tables; leveraged complex joins, subqueries, stored procedures; tuned indexing strategies for frequently queried columns slashing query execution times 45%; utilized connection pooling and query caching for optimal performance
- **Performance Optimization:** Streamlined frontend bundle size 35% through code splitting, asset compression, eliminating unused dependencies; activated browser caching, CDN integration, lazy loading strategies reducing server load and elevating user experience; maintained consistent page load times under 2 seconds
- **System Architecture Patterns:** Enforced MVC architecture separating business logic, data access, presentation layers; produced modular, maintainable codebase following SOLID principles and separation of concerns; deployed caching mechanisms at multiple layers (browser, CDN, application, database)
- **Project Leadership:** Directed end-to-end project lifecycle from requirements gathering, technical design, development, testing, to production deployment; supervised sprint planning, daily standups, retrospectives; launched production-ready system within aggressive 3-month deadline; sustained strong stakeholder communications and client relationships
- **Code Quality & Best Practices:** Facilitated thorough code reviews ensuring adherence to coding standards, best practices, security guidelines; introduced automated testing for critical business logic; standardized Git workflow with feature branches and pull request reviews

Frontend Developer

Jan 2018 – Dec 2018

Marconix Pvt Ltd, Bangalore, India

- **Performance Engineering:** Refined 29-page real estate website cutting bundle size 50% and accelerating load times from 4.2s to 1.8s; produced responsive design using HTML5, CSS3, JavaScript, jQuery ensuring flawless rendering across desktop, tablet, mobile devices
- **Interactive Features & API Integration:** Constructed real-time map search feature for real-estate platform serving 7,000+ active users; merged third-party geolocation APIs with dynamic filtering, search, instant visual feedback; incorporated debouncing and throttling for optimal performance
- **UI/UX Collaboration:** Collaborated closely with UX designers to revamp user flows and execute conversion-focused interfaces; converted wireframes and mockups into production code; drove measurable increase in user engagement metrics and conversion rates

TECHNICAL ACHIEVEMENTS & LEADERSHIP

- **Microservices Architecture:** Blueprinted microservices-based hospital ecosystem with 8 independent services (authentication, patient records, pharmacy, laboratory, billing, queue management, analytics, notifications); guaranteed loose coupling, independent deployability, scalability via RESTful APIs
- **API Design Standards:** Formulated organization-wide API guidelines covering naming conventions, versioning strategies, error formats, pagination, filtering/sorting patterns, security; produced comprehensive OpenAPI/Swagger documentation
- **Docker & Containerization:** Containerized 12+ applications using Docker; engineered optimized multi-stage Dockerfiles; orchestrated Docker Compose for local development; administered registries and image versioning
- **Component Library:** Assembled React/Next.js component library with TypeScript and Storybook; packaged 50+ reusable components; adopted by 4 teams trimming development time 40%
- **Technical Mentorship:** Coached 3 junior developers on React, TypeScript, Next.js, API design; facilitated code reviews and pair programming; authored internal documentation; elevated code quality scores 35%
- **Performance Optimization:** Achieved sub-2-second page loads; accelerated API response times 65% through query optimization, caching, indexing; maximized Core Web Vitals to green ranges
- **Remote Leadership:** Directed distributed teams across time zones; instituted async communication, documentation standards, agile workflows ensuring high productivity
- **Continuous Learning:** Self-taught Docker, AI/ML integration, Spring Boot microservices; actively mastering Kubernetes for orchestration; proficient with Kafka, Solace for event-driven architectures; experimenting with Helm charts and K8s deployments

EDUCATION

Bachelor of Computer Applications (BCA)

Graduated May 2019

ADDITIONAL INFORMATION

Work Style: Self-driven, autonomous, highly productive in remote environments; strong sense of ownership, accountability, commitment to continuous learning; comfortable working independently and collaboratively across time zones

Time Zone Flexibility: Based in Indian Standard Time (IST/UTC+5:30); flexible and available for Pacific Time collaboration hours (6:00 AM - 12:00 PM PT); experienced managing async communication across global teams

Languages: English (Professional), Hindi (Native), Urdu (Native), Kannada (Conversational)