

# Ranjith Sai Vadithya

## Software Developer

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### PROFILE

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Software Engineer with 2 years of experience in designing, developing, and maintaining scalable backend systems using Java, Spring Boot, and Microservices architecture. Strong understanding of Object-Oriented Programming (OOP), Software Development Life Cycle (SDLC), and distributed system design.

Experienced in building RESTful APIs, optimizing database performance, and implementing secure transaction workflows. Skilled in applying analytical and problem-solving techniques to deliver reliable and production-ready applications. Collaborative team player with experience working in Agile environments and delivering high-impact solutions with minimal supervision.

### PROFESSIONAL EXPERIENCE

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#### Software Engineer, MudarDzApps Praxo

08/2025 – Present

- Designed and developed scalable microservices using **Java Spring Boot**, following clean architecture and SDLC principles.
- Built secure REST APIs for scoring systems, payout workflows, and event-based reward distribution.
- Engineered transactional workflows for **chips-to-cash automation** and withdrawals, ensuring strong data integrity.
- Optimized database schemas and improved query performance by ~25% through indexing and tuning.
- Architected a **high-performance, user-personalized feed system** using Redis caching and database optimization, significantly reducing latency and improving scalability.
- Developed **recommendation logic** based on user behavior and activity patterns to increase engagement.
- Resolved **concurrency issues and database bottlenecks** in production, improving system stability under load.
- Built **real-time analytics systems** tracking DAU, HAU, live activity, and location-based user distribution.
- Integrated analytics into admin dashboards for **real-time monitoring and data-driven decision-making**.
- Developed automated **bank settlement system** with Excel generation, secure SFTP transfers, and IMPS payout processing.
- Collaborated with cross-functional teams to deliver reliable, production-ready backend systems with improved performance and stability.

#### Software Developer, Spider Hit infotech Pvt Ltd

05/2024 – 07/2025

- Developed and maintained 12+ full-stack applications across e-commerce and enterprise platforms.
- Designed RESTful APIs and modular backend systems using Laravel and MySQL.
- Implemented payment gateway integrations and secure authentication workflows.
- Improved application performance and reduced technical debt by 30% through refactoring and optimization.
- Worked collaboratively in team environments to meet project deadlines and deliver high-quality software solutions.

## EDUCATION

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**Electrical and Electronics Engineering,**  
*Anatha Lakshmi Institute of technology and sciences*

2018 – 2022  
Anantapur

## TECHNICAL SKILLS

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### Programming

- Java (Core Java, OOP),
- PHP
- SQL

### Backend

- Spring Boot, Microservices, REST APIs
- Redis (Caching, Performance Optimization)
- Razorpay Integration

### Cloud

- AWS (EC2, S3, RDS – conceptual knowledge),
- SFTP Workflows

### Engineering Practices

- SDLC, Code Optimization,
- Performance Tuning,
- Debugging

### Frontend

- React.js, JavaScript (ES6+), HTML5, CSS3
- Bootstrap, Tailwind CSS
- Responsive UI Development

### Database

- MySQL (Schema Design, Query Optimization)
- Relational Modeling, Performance Tuning

### Architecture

- Microservices,
- Clean Architecture,
- MVC Pattern

## PROJECTS

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### Praxo - Social Media Platform,

*A creator-driven social media application with automated earning, scoring, and payout workflows*

Tech Stack: Java Spring Boot, Microservices, React.js, MySQL, SFTP, IMPS Features:

- Creator scoring & performance-based earnings
- Chips-to-cash conversion and withdrawal support
- Event-based reward distribution & top-inviter ranking
- Automated bank settlement via SFTP & IMPS
- Admin portal for real-time creator, payout & event management
- Microservices architecture for scalable workflow handling

### Ride Wheels,

*A two-wheeler and four-wheeler rental system with availability search, bookings, and admin management.*

Tech Stack: Laravel, React.js, Tailwind, MySQL Features:

- Vehicle listing, filtering & price comparison
- User bookings, scheduling & payment workflow
- Admin panel for vehicles, pricing & booking approvals
- Mobile-first responsive UI

**Pet Care E-Commerce Website,** *A complete e-commerce platform for pet food and accessories with real-time inventory, pricing logic, and online payments.*

Tech Stack: Laravel, Blade, Bootstrap, MySQL, Razorpay Features:

- Product catalog with variants, brands & smart search
- Add-to-cart, checkout & Razorpay payment gateway
- Dynamic pricing & stock management
- Admin panel for product, category & coupon control
- Responsive UI for mobile and desktop

## **PROJECT HIGHLIGHTS (Condensed & Optimized for ATS)**

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### **Praxo – Creator Social Platform**

- Microservices-based backend architecture
- Scalable REST API development
- Secure financial transaction workflows
- Database performance tuning

### **E-Commerce & Admin Platforms**

- Payment integrations
- Relational database design
- Admin dashboard architecture
- Modular backend services