

YARRAMREDDY SAINATHREDDY

Software Engineer

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SKILLS

Programming Languages: Ruby, Go, C++, SQL

Frameworks & Libraries: Ruby on Rails, Gin (Go)

Databases & Tools: PostgreSQL, MySQL, Redis, Sidekiq, AWS S3

Technologies: RESTful APIs, Background Jobs, Async Processing, JWT Authentication, Git

Data Structures & Algorithms: 200+ Problems Solved, Advanced Problem Solving

WORK EXPERIENCE

CRM Tool Flaer Homes — Mar 2025 - Present

- **CRM System Architecture:** Single-handedly architected enterprise-grade CRM from ground up with optimal database schema and GORM ORM, achieving 40% faster query execution.
- **Employee Management & Hierarchy:** Built role-based access control with employee hierarchy, group management, and granular permissions, reducing administrative overhead by 60%.
- **Lead-to-Customer Pipeline:** Engineered 5-stage lead conversion pipeline with automated workflows, increasing sales team efficiency by 50%.
- **Geo-tracking & Attendance:** Developed GPS-based attendance with 5-minute interval tracking and automated reporting, providing 100% location accuracy.
- **Automated Reporting:** Built async job processing with Redis and cron schedulers for S3 report generation, reducing manual reporting time by 80%.
- **Technologies:** Go, Gin Framework, PostgreSQL, Redis, GORM, AWS S3, JWT Authentication, Microservices

B2B Internal Operations Platform Flaer Homes — Mar 2024 - Present

- **Enterprise ERP Development:** Architected B2B platform with 200+ API endpoints for multi-warehouse inventory, order processing, and business partner management, eliminating third-party dependencies.
- **Authentication & Authorization:** Implemented secure admin hierarchy with role-based permissions, multi-factor authentication, and granular CRUD access control.
- **Multi-warehouse Inventory:** Built real-time inventory tracking (available, blocked, in-transit) with automated transfers and auditing, achieving 99.9% accuracy.
- **Order-to-Cash Flow:** Developed complete order processing with dynamic pricing, multi-shipment creation, and automated invoice generation using WickedPDF.
- **Performance Optimization:** Eliminated N+1 queries using ActiveRecord preloading, implemented Sidekiq jobs, handling 10,000+ daily transactions.
- **Technologies:** Ruby on Rails, PostgreSQL, Redis, Sidekiq, AWS S3, ActiveRecord ORM, WickedPDF, RESTful APIs

D2C E-commerce Platform (flaerhomes.com) Flaer Homes — Mar 2024 - Present

- **E-commerce Development:** Built scalable D2C platform for interior materials with intelligent categorization, advanced filtering, and personalized recommendations.
- **Dynamic Pricing:** Implemented 4-tier customer classification using GST verification and KYC data, optimizing revenue through targeted pricing strategies.
- **Payment Integration:** Integrated Easebuzz gateway with wallet transactions, OTP verification using Exotel SMS, and webhook processing.
- **Performance & Security:** Implemented Redis caching and idempotency keys, achieving 70% faster load times across 1000+ monthly users.
- **Technologies:** Ruby on Rails, Redis Caching, Easebuzz Gateway, Exotel SMS API, PostgreSQL, AWS S3

EDUCATION

Malla Reddy Engineering College

Aug 2019 - Aug 2023

B.Tech, Electronics & Communication Engineering

CGPA: 7.6/10

NxtWave CCBP 4.0 Intensive

Jun 2022 - Mar 2023

Full Stack Web Development Program

IRC 4.0 Certification