

GIRIDHAR M A

Junior Software Engineer

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Professional Summary:

React Developer with 2+ years of experience building responsive, user-friendly web applications and enterprise systems. Proficient in React.js, Next.js, and TypeScript, with strong experience in building reusable UI components and integrating REST APIs. Experienced in state management using Redux and TanStack Query, optimizing data fetching and reducing network requests by 30%. Also skilled in backend development using Go and NestJS, building concurrent and scalable services. Comfortable collaborating with designers and backend teams while following clean code practices and modern React patterns.

Skills:

- **Languages:** JavaScript, TypeScript, Go
- **Frameworks:** Next.js, NestJS, Gin
- **Libraries:** React, Redux Toolkit, TanStack Query, Tailwind CSS, React Hook Form, Axios, Zod
- **Front-End:** HTML5, CSS3, SCSS, Responsive and reusable UI components
- **Databases:** PostgreSQL, MongoDB, Redis, MySQL
- **Version Control:** Git
- **Tools & Platform:** Docker, Coolify, Dockploy, AWS S3, RustFS

Professional Experience:

Junior Software Engineer | Enfin Technologies | Jan 2025 – Present

- Integrated RESTful APIs with React and Next.js using Axios, ensuring smooth data flow and consistent UI updates across components
- Optimized API calls and state management with TanStack Query, reducing redundant network requests and improving load times by 30%
- Collaborated with designers and backend engineers to deliver responsive, user-friendly interfaces

Web Developer | Demanzo | Aug 2023 – Jan 2025

- Developed and integrated RESTful and WebSocket using Node.js and Nestjs, improving system interoperability and reducing data retrieval times by 25%
- Worked on building and maintaining scalable backend services to support real-time applications

Projects:

AI integrated Research Platform (Enfin Technologies):

- Built frontend interfaces for a research-focused web application integrating AI-driven features to support data analysis and exploration
- Implemented calendar integration to enable scheduling, timeline tracking, and workflow coordination within the application
- Managed global application state using Redux Toolkit, ensuring predictable state updates and scalable UI architecture
- Wrote and maintained unit and component tests using Jest and React Testing Library to improve reliability and prevent regressions
- Collaborated with cross-functional teams to deliver a seamless user experience and scalable feature delivery

Loan Schedule Display Dashboard (Enfin Technologies):

- Developed an internal dashboard application to display upcoming loan application meetings and loan collection schedules for finance teams on large monitoring screens, grouped by branch and date
- Built a structured workflow where finance employees upload Excel sheets containing loan sanction and collection data (maintained in separate sheets)
- Implemented backend processing using Express.js to parse uploaded Excel files, validate data, and store normalized records in MongoDB
- Designed frontend views using React and React Router to dynamically render user lists based on selected branch, date, and workflow type (sanction or collection)
- Focused on clarity, readability, and responsiveness to ensure data visibility on large displays in branch offices
- Ensured clean separation of concerns between frontend presentation and backend data processing

Barber Shop Queue Management System (Demanzo):

- Designed and developed a backend system for managing customer queues in a barber shop, enabling staff and customer to track waiting lists and service status efficiently
- Implemented real-time queue updates using Socket.IO to notify connected clients when customers are added, served, or removed from the queue
- Built a scalable REST API using NestJS with modular architecture and clean separation of concerns
- Designed and managed a PostgreSQL database schema to store customer details, queue states, service types, and appointment metadata
- Integrated Stripe for handling secure online payments related to bookings and services
- Focused on data consistency, error handling, and maintainable backend code following best practices

Form Genius (In Progress):

Tech Stack: Gin, Go, NextJS, Redux-tool-kit, Tanstack Query, TypeScript, PostgreSQL, SQLC

- Engineered a full-stack, enterprise-grade Form Builder application (FormGenius) utilizing Go (Golang) for a high-performance, concurrent backend and Next.js/TypeScript for a modern, responsive user interface.
- Developed a scalable data architecture using PostgreSQL and SQLC to ensure type-safe, transactional data integrity, handling form schemas, submissions, and file uploads via MinIO object storage.

Education:

1. Bachelor of Engineering (EEE) | Amrita College of Engineering & Technology | 2018 - 2022