

Sachin Gangadhar Kaythamwar

Software Engineer II — Full Stack Product Engineer
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Professional Summary

Software Engineer with 3+ years of experience building ERP, CRM, SaaS, Ecommerce, Platform Engineering, and Interactive 3D Web applications using React, Next.js, TypeScript, Node.js, Deno, MongoDB, PostgreSQL, Redis, and GraphQL. Experienced in Modular Monolith Architecture, Clean Architecture, workflow automation, reusable enterprise frameworks, metadata-driven platforms, and scalable full-stack product development.

Technical Skills

Frontend: React.js, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, Material UI, Three.js
Backend: Node.js, Express.js, Deno, REST APIs, GraphQL, WebSockets
Databases: MongoDB, PostgreSQL, MySQL, Redis
Architecture: Modular Monolith, Clean Architecture, DDD-Lite, MVC, Feature-Based Architecture, Microservices
Tools: Docker, AWS, Git, GitHub, CI/CD, Postman, JWT, OAuth 2.0

Professional Experience

AI Tech Ture Labs LLP

2023 – Present

Full Stack Software Engineer

- Developed ERP modules including Purchase Orders, Sales Orders, Job Cards, Purchase Invoices, Sales Invoices, and Inventory Management workflows.
- Built configurable pricing engines supporting Gold, Diamond, Labour, and Product pricing models using settings-driven business rules.
- Developed CRM portals, KPI dashboards, and reporting systems supporting business operations and decision-making.
- Built Ecommerce platforms with inventory synchronization, catalog management, order processing, and checkout workflows.
- Designed and implemented scalable REST and GraphQL APIs with JWT and OAuth-based authentication and authorization.
- Implemented WebSocket-based real-time communication features and Redis caching strategies for performance optimization.
- Built browser-based floor-planning applications and interactive Three.js experiences with real-time rendering.
- Contributed to Modular Monolith architecture, reusable business modules, workflow automation systems, and platform engineering initiatives.

Selected Projects

- **Enterprise Feature Framework** — Reusable enterprise modules including RBAC, Approval Workflow Engine, Audit Logging, Notification Framework, Authentication, Authorization, and Dynamic CRUD Infrastructure designed using Modular Monolith and Clean Architecture principles.
- **Metadata-Driven Application Platform (Ongoing)** — WordPress-inspired low-code application generator using React, TypeScript, and Deno for rapid business application creation through metadata-driven configuration.
- **Immersive 3D Commerce Platform (Ongoing)** — 3D-first Ecommerce platform built using Three.js and WebGL with interactive product visualization, real-time rendering, and immersive user experiences.
- **SaaS HR & Leave Management System** — Multi-tenant HRMS platform supporting attendance management, leave workflows, employee hierarchy management, approval workflows, and tenant customization.
- **Excel Data Automation Platform** — Automated Excel extraction, validation, transformation, and reporting workflows for business process automation.

Certifications

NodeJS – The Complete Guide (MVC, REST APIs, GraphQL, Deno) • Angular & NodeJS – The MEAN Stack Guide • Angular – The Complete Guide • React JS – Complete Guide for Frontend Web Development • Python Data Structures

Education

Bachelor of Engineering (Computer Engineering)
St. John College of Engineering and Management

2022
Maharashtra, India