

JABIR MJ

FULL STACK DEVELOPER

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CAREER OBJECTIVE

Full-stack developer with **6+ years** building e-commerce platforms end-to-end — POS, accounting, dashboards, and reporting. Founded and architected a multi-tenant, embeddable e-commerce product-configurator platform (React/TypeScript, GraphQL/REST integration layer, auth & session services) as sole principal engineer, ~5,000 commits since inception. Comfortable across the stack (React, Next.js, Flask, Node) and the full delivery lifecycle, from LLD/HLD through testing, deployment, and hosting.

PROFESSIONAL EXPERIENCE

LEAD FULL STACK DEVELOPER MAY 2023 — PRESENT

Compatio (US) · Remote, India

- **Front-end lead on SB3 / Guide**, Compatio's flagship e-commerce-integrated configurator — built from scratch and led end-to-end on the front-end over ~2 years, with visual presentation driven through GMS and configuration logic split across UI and back-end; recently transitioned to agentic, AI-assisted (Claude Code) development. Led a performance overhaul — memoized React context, $O(n) \rightarrow O(1)$ Set/Map lookups, sub-50KB (uncompressed) entry budgets via code-splitting, lazy-loaded themes, and Preact substitution for embedded builds.
- Core contributor to **GMS** (product catalog & taxonomy platform, React/TypeScript + Flask/Neo4j) — built a product-delta update system for incremental product/category changes, optimized Cypher queries and pagination on large catalogs, and led adoption of TypeScript + Tailwind into the legacy React/Bootstrap frontend.
- **Primary author of the ISR Configurator** (Next.js), a separate multi-step rules-driven product configurator deployed for enterprise clients — designed and built largely solo (~80% of commits), with conditional field logic, fraction/measurement input, and Dockerized multi-client deployments.
- Owned **SAML SSO and authentication hardening** in SAMS (Node/Express) — enterprise SSO integration, a JWT decode → verify security fix, bcrypt password hashing, and a full forgot/reset-password flow.
- Built industry/channel sync and CRUD APIs (GraphQL, Neo4j/PostgreSQL) between GMS and SAMS, with corresponding admin console controls.

LEAD WEB DEVELOPER JUL 2020 — MAY 2023

SLR Shoppee · Kerala, India

- **Led a team** building a full-scale e-commerce platform end-to-end — from SRS through deployment and hosting.
- Implemented the storefront in **Next.js** with a **CodeIgniter** back-end; integrated AWS services and CI/CD pipelines.
- Drove design, deployment, testing, and SEO; delivered consistently on agreed sprint durations.
- Other technologies — Jest, Figma, Jira, Docker, Tailwind, TypeScript, Cypress, SASS, etc.

FULL STACK DEVELOPER JUL 2019 — NOV 2019

Cloud Wet Technologies · Kerala, India

- Enhanced an open-source **POS** system to meet client-specific requirements using **CodeIgniter**.
- Contributed across design, development, and testing during a focused delivery engagement.

ONLINE

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HOBBIES



MOVIES



TRAVEL



READING



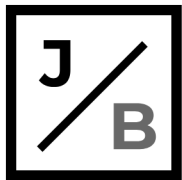
EXERCISE



EXPERIMENT



GAMING



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PROFESSIONAL PROJECTS

GMS

Compatio

Graph-backed product catalog & taxonomy platform. Built a product-delta update system (Flask + Neo4j) for incremental product/category updates with a backward-compatible adapter layer; optimized product-listing performance via query splitting, rewritten Cypher queries, and pagination; implemented bulk CRUD, variant modeling, and rules-driven Normalization engine (Celery/Redis background jobs); integrated the Product Data Warehouse and image-upload/publish workflows.

React, TypeScript, Tailwind, Flask, Neo4j, Celery, Redis

ISR CONFIGURATOR

Compatio

Multi-step, rules-driven product configurator deployed for enterprise clients (Reeb, TIMS, Zurn) — designed and built largely solo (~80% of commits). Multi-step submodel → step → field navigation with auto-advance and validation gating, conditional field logic (OR conditions, image/condition rules), fraction/measurement input via react-mathquill, and a Dockerized build for multi-client deployment.

Next.js 14, React 18, TypeScript, Tailwind, Docker

SLRSHOPPEE.COM

Slrshoppee

A **multi-module e-commerce platform** — storefront, admin panel, merchant, and delivery sections — with product and stock management across multiple stores and branches using advanced inventory techniques. Led the project end-to-end with a team, covering design, UI development, back-end, and architecture while managing the members on the project.

Next.js, CodeIgniter

SB3 / GUIDE

Compatio

Compatio's flagship e-commerce-integrated app that helps users choose products by compatibility and configuration. Built from scratch and led end-to-end on the front-end over ~2 years; its entire visual presentation is driven through GMS, with complex configuration logic split across the UI and back-end. Recently transitioned development to an agentic, AI-assisted workflow (Claude Code). Led a performance overhaul — memoized React context slices, $O(n) \rightarrow O(1)$ Set/Map lookups on hot paths, and sub-50KB (uncompressed) entry-point budgets via Webpack code-splitting, lazy-loaded themes, and Preact substitution for embedded builds.

v1 — Next.js, v2 — React, Flask

SAMS

Compatio

Authentication, SSO & identity platform. Owned SAML SSO enabling enterprise sign-in for third-party tools, migrating the implementation across saml2-js → passport-saml → node-saml with assertion signing and issuer validation. Hardened SAMS-API auth (JWT verify, bcrypt hashing, forgot/reset-password flow with EJS email templates); fixed email-matching and social-login bugs; built industry/channel sync APIs (GraphQL, Neo4j/PostgreSQL) with admin console controls.

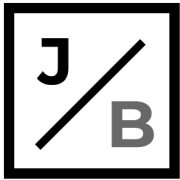
Node.js/Express, GraphQL, Neo4j, PostgreSQL, SAML/Auth0

SLRSHOPPEE APP

Slrshoppee

A mobile app conversion of slrshoppee.com.

React Native



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SKILLS

FRONTEND	HTML, CSS, JavaScript, TypeScript, SCSS, React, Next.js, Tailwind, Bootstrap, SEO
BACKEND	Node.js, Express, Flask, PHP, CodeIgniter
DATABASES	SQL, GraphQL, Neo4j, MongoDB, Redis
DEVOPS & CLOUD	AWS (Amplify, S3, DynamoDB, EC2, ECS, RDS, CodePipeline, CloudWatch), Docker, Hosting
CS FUNDAMENTALS	Data Structures & Algorithms
TESTING	Jest, Cypress, Playwright, Postman
DESIGN & AI	Figma, XD, Illustrator, Photoshop · Claude, AI-assisted & vibe coding

EDUCATION

MCA NOV 2021 — MAY 2023
SNGIST

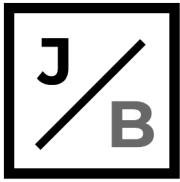
BCA JUL 2016 — APR 2019
Christ College, Kerala

CERTIFICATIONS

COMPETITIVE PROGRAMMING 2023
NPTEL

DATA ANALYTICS WITH PYTHON 2022
NPTEL

DATA SCIENCE 2020
Datamites, Bangalore



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PERSONAL PROJECTS

GOLDLOANPRO

Oct 2025 — Jul 2026

A **multi-tenant SaaS platform** for gold-loan financing businesses, replacing a legacy PHP system — covering loan origination, interest accrual, part-payments, closure, bank replying, KYC, and financial reporting on a real double-entry accounting engine. Built solo over ~10 months using AI-assisted/agent development (Claude Code) (~150K lines of TypeScript, 33 Prisma models, 80 API routes, 33 test suites): per-organization data isolation with branch-level sub-tenancy, plan-based usage metering and Razorpay billing, atomic accounting transactions, Balance Sheet/P&L/Trial Balance reporting, and fixes for two closure-time fraud/validation-bypass vulnerabilities found via structured production-readiness audits.

Next.js 15, React 19, TypeScript, Tailwind 4, Prisma 6, PostgreSQL, NextAuth v5, AWS Amplify/S3, Razorpay

BOOKS SUMMARY WEBSITE

Jun 2023 — Present

A personal site recording summaries of books I read — book info, affiliate links, and images.

Next.js, Node.js, Neo4j

STORY BOOK

Jul 2022 — Dec 2022

A place to write and share kids' stories with accompanying images.

Next.js, Node.js

WAITAMIN

Dec 2025 — Mar 2026

A full marketing website & content platform for a juice/beverage brand, built solo (~39K lines across 100 commits). Marketing pages (Home, About, Products, Blog, Contact, Partner) backed by a headless **Payload CMS** with custom collections (Blog, Testimonials, Media, Users, Contact/Partner submissions), REST APIs for contact/partner/subscription flows, Lexical rich-text blog rendering with infinite scroll and related posts, a custom animated UI system (scroll reveals, carousels, feature scroller), and multi-pass mobile responsiveness. Deployed via AWS Amplify with S3 media storage and tuned DB connection pooling.

Next.js 16, React 19, TypeScript, Tailwind, Framer Motion, Payload CMS, PostgreSQL (Supabase), AWS Amplify/S3

ZAROKI FASHION SALES APP

Jan 2023 — Apr 2023

A centralized catalog for a clothing brand's sales team to familiarize potential partners with products.

React Native

COLLEGE MANAGEMENT SYSTEM

Dec 2018 — Mar 2019

A website to manage students, notifications, and mark publishing.

PHP, CodeIgniter

MORE

LANGUAGES

Malayalam, English, Hindi

MANAGEMENT & PM

Scrum, Agile, GitLab, GitHub, Jira, Confluence, Notion, Slack

OPERATING SYSTEMS

Windows, Ubuntu, Mac, CentOS

STRENGTHS

Decision-making, adaptability, initiative, optimism, flexibility

