

S. DINESH KUMAR

Full Stack Developer · MERN · Next.js · TypeScript · Gen AI / RAG

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SUMMARY

Full Stack Developer with 1+ year of professional experience shipping 26 enterprise MERN applications (93+ commits, 311,000+ lines of code). Skilled in REST API design, PostgreSQL/MongoDB, Gen AI (RAG, LLM, OpenAI), and performance engineering. Portfolio scores 99/100 Google PageSpeed. Available immediately for SDE-1 / Full Stack / Gen AI roles.

TECHNICAL SKILLS

Frontend: React.js 19, Next.js 15 (SSR/ISR/SSG), TypeScript, Tailwind CSS, GSAP 3.12, Framer Motion, Redux Toolkit, Zustand

Backend & DB: Node.js 20+, Express.js, Serverless, REST API, GraphQL, WebSockets, MongoDB, PostgreSQL, MySQL, Redis, Supabase
AI / Gen AI: LangChain, RAG Pipelines, OpenAI GPT, Anthropic Claude API, Google Gemini, Pinecone, ChromaDB, Prompt Engineering, AI Agents

DevOps & Cloud: Docker, Kubernetes, GitHub Actions CI/CD, Vercel, AWS Lambda, AWS S3, GCP Compute, Microservices

System Design: Microservices Architecture, Load Balancing, Caching Strategies, API Gateway, Distributed Systems, Scalable Backend Design

Auth & Security: JWT, OAuth 2.0, AES-256 Encryption, RBAC, Web Crypto API, Clerk, Zero-Knowledge Architecture

Tools: Git, Jira, Figma, Jest, Cypress, GraphQL, Agile/Scrum · **Certifications:** Meta Front-End Dev, IBM Back-End JS Dev (Coursera)

WORK EXPERIENCE

Backend Developer (MERN) — Intern — **Botivate**

Nov 2025 – Present

- Delivered 26 production enterprise systems (HR, order dispatch, inventory, warehouse, checklist, repair) — 93+ commits, 311,000+ lines of code in 6 months.
- Built OrderToDispatch platform (42,700+ lines, 18 commits) with full order lifecycle, real-time dispatch tracking, and automated notifications using Node.js, React.js, and PostgreSQL.
- Architected serverless APIs via Google AppScript & Supabase with JWT + RBAC, enabling real-time sync between React frontends and PostgreSQL / Google Sheets.
- Automated PDF generation pipelines processing 500+ business documents/month via Google Drive API; optimized database schemas for high-throughput reads.

Full Stack Developer (MERN) — Intern — **NXG Solutions**

Feb 2023 – Jun 2023

- Digitized government workflows (React.js + Node.js), cutting paperwork by 60% and TTFB by 70% via SSR optimization for low-bandwidth environments.
- Built scalable local e-commerce platform with digital payments, expanding vendor reach 4x. Delivered reusable component library accelerating team dev velocity.

KEY PROJECTS

AI PDF Summarizer — SaaS · Next.js 15 · LangChain · Google Gemini · RAG · PostgreSQL · Stripe · Clerk

- Production SaaS app for AI-powered PDF summarization (RAG pipeline, 100MB+ file support, 95% user satisfaction). Integrated Stripe subscription billing with webhook lifecycle management.

Crypt Vault — Zero-Knowledge Password Manager · Next.js 15 · Node.js · AES-256 · MongoDB · Web Crypto API

- Client-side AES-256 encrypted password manager — zero plaintext ever stored server-side. JWT-secured APIs with rate limiting, RBAC via Clerk, and optimized MongoDB schema.

Awwwards Gaming Site · Portfolio Website (99/100 PageSpeed) · Next.js 15 · GSAP · Framer Motion · TypeScript · JSON-LD SEO/AEO

- GSAP scroll-triggered animations, 99/100 Lighthouse score. Portfolio ranks on Google Search, Google AI Mode, and ChatGPT responses via Technical SEO + AEO implementation.

EDUCATION

Master of Computer Applications (MCA) — Bhilai Institute of Technology, Durg | 2023