

ALOK PITHALE

FULL-STACK DEVELOPER (MERN STACK) / REACT NATIVE DEVELOPER

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🔗 <https://github.com/alokkkxpixel>

SUMMARY

Full-Stack Developer with 1.5+ years of experience building scalable web and mobile applications using MERN, React Native, TypeScript, and PostgreSQL. Experienced in microservices, REST APIs, Generative AI, LangChain, and LLM-based applications, with a strong interest in open-source development and building production-ready software.

EXPERIENCE

Backend Developer Intern / Software Engineering Intern

April 2026 - Present

Talentrise Technokrate Pvt. Ltd.

Hybird

- Managed and maintained the backend of a **multi-store ERP system** for inventory, distributors, customers, and multi-role users using **Node.js, Express 5, and MongoDB**.
- Completed unfinished **REST API routes, controllers, and schemas** across **12+ Mongoose models**, including products, brands, distributors, customers, and product attributes.
- Implemented and refined **JWT authentication, role-based access control (RBAC), request validation, rate limiting, and centralized error handling**.
- Optimized MongoDB/Mongoose queries and standardized **pagination**, reducing database load by **30–40%**.
- Maintained **Docker configurations** for consistent development environments and deployment readiness.

Freelance Full-Stack Developer

December 2024 - Present

Self-Employed (Freelance)

- Developed IoTMart, a custom MERN-stack e-commerce platform for an electronics business, delivering the project two weeks ahead of schedule.
- Designed and implemented the complete application architecture, including frontend, backend, database schema, and secure REST APIs for authentication and inventory management.
- Optimized MongoDB queries and API performance, successfully reducing page load times to under 100 ms.

Google Arcade Facilitator

August 2023 - January 2024

Google Cloud Skills Boost

- Completed Google's cloud learning program, deploying containerized applications using Google Cloud Provider (GCP) and Cloud Run.
- Automated cloud infrastructure using Terraform and utilized APIs to work with Cloud Storage.
- Achieved Silver League status by earning 22,495+ points through technical labs and challenges.

PROJECTS

BEATS — Open Source Music Streaming App for Android

🔗 github.com/alokkkxpixel/Beats

Present

Developer

- Developed an open-source Android music streaming application using React Native and Expo, implementing background playback, offline downloads, synchronized lyrics, queue management, and dynamic theming.
- Integrated reverse-engineered music APIs supporting 320 kbps streaming quality; built efficient local caching with MMKV and managed state with Zustand.
- Published production releases on GitHub with OTA updates, achieving 10+ GitHub Stars and 100+ downloads & active users.

Syntaxx — Developer Documentation Platform

🔗 github.com/alokkkxpixel/syntaxx

🌐 syntaxx-rose.vercel.app

Developer

- Built a developer documentation platform with searchable code snippets and syntax references, implementing Redis caching to reduce database requests and improve search performance.
- Designed relational database models using Prisma and PostgreSQL; added keyboard-first navigation (⌘K), category filtering, and server-side rendering with Next.js.
- Achieved 100 Lighthouse scores for Performance, SEO, Accessibility, server-side rendering and relational database modeling with Prisma and Best Practices.

EDUCATION

Shri Mathuradas Mohota Science College (RTMNU)

2023 - 2026 (Expected)

Bachelor of Computer Applications (BCA)

Specializing in Artificial Intelligence & Machine Learning (AI/ML). Current CGPA: 6.5/10. Focusing on full-stack web development, React Native mobile development, backend systems, and cloud technologies.

SKILLS & AWARDS

Technical Skills:	JavaScript (ES6+), TypeScript, C++, HTML5, CSS3, React.js, Next.js, React Native, Expo, Node.js, Express.js, MongoDB, PostgreSQL, Prisma, Redis, Socket.IO, REST APIs, JWT, Clerk Authentication, Docker, Git, GitHub, Tailwind CSS, Zustand, TanStack Query, Reanimated, Firebase, Vercel, Google Cloud Platform (GCP), Cloudinary, ImageKit, JavaScript, Microservices
Languages:	English (Intermediate), Hindi (Native), Marathi (Native)
Certifications:	Google Arcade Facilitator (Google Cloud Skills Boost)