

Akhil Deshmukh

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SUMMARY

Full Stack Developer with 8 months of professional experience in building scalable, production-grade backend systems using Node.js and TypeScript. Strong experience in designing RESTful APIs, implementing real-time features with Socket.IO, and managing databases with MongoDB. Experienced in multi-tenant architectures, role-based access control (RBAC), secure payment and wallet systems, and asynchronous processing using Redis and RabbitMQ. Demonstrated ability to deliver reliable, secure, and performance-oriented web applications using the MERN stack. Experienced in UI wireframing and prototyping using Figma for frontend alignment.

EDUCATION

- **Radharaman Engineering College, (RGPV)** Bhopal, Madhya Pradesh
B.Tech in Computer Science; CGPA: 8.54
Aug. 2020 – May. 2023
- **Government Polytechnic College, (RGPV)** Betul, Madhya Pradesh
Diploma in Computer Science; CGPA: 6.27
Aug. 2017 – May. 2020

EXPERIENCE

- **Intefai IT Solutions Pvt. Ltd.** Indore, Madhya Pradesh
Full Stack Developer
Jul 2025 – Present
 - Develop scalable backend services using Node.js and TypeScript.
 - Implement authentication, authorization, and RBAC.
 - Design and optimize MongoDB schemas and queries.
 - Develop real-time features using Socket.IO.
 - Build MERN stack modules and integrate APIs with React frontend.
 - Manage multi-tenant systems and client configurations.
 - Implement caching and background jobs using Redis and RabbitMQ.
 - Build secure payment, wallet, and OTP modules.
 - Monitor production systems and resolve performance issues.
 - Deploy and manage services using PM2, Nginx, and Linux.

PROJECTS

RedCurry — Multi-Restaurant Food Ordering Platform (Full Stack)

- Designed UI wireframes and user flows in Figma to align frontend development with business requirements.
- Designed and built **100% of the backend architecture** for a multi-vendor food ordering platform similar to Zomato/Swiggy.
- Implemented **90%+ of core modules** including restaurants, menus, carts, orders, delivery partners, and memberships.
- Built wallet and payment systems covering **100% of transaction flows** with secure handling and webhook processing.
- Implemented OTP-based authentication and role-based access control (RBAC), securing **100% of protected APIs**.
- Added order audit trails and internal CMS features covering **100% of operational monitoring**.

- Developed QR-based coin system and asynchronous background jobs for **all reward and notification flows**.
- Implemented real-time order updates and notifications using Socket.IO for **100% of live orders**.
- Tech: React, TypeScript, MongoDB, Socket.IO, Redis, RabbitMQ.

Dynamic Website CMS & Admin Platform (Full Stack)

- Designed and built **100% of a full-stack CMS platform** enabling clients to manage website content dynamically.
- Developed a secure admin dashboard for managing blogs, services, FAQs, banners, themes, testimonials, and site settings.
- Built dynamic public website pages that render content from the CMS without code changes.
- Implemented admin authentication, session handling, and role-based access control.
- Integrated image upload, icon management, and theme customization modules.
- Enabled faster client changes and content updates, significantly reducing deployment dependency.
- Tech: React, Node.js, Express.js, MongoDB, JWT.

SKILLS

- **Backend:** Node.js, TypeScript, JavaScript, MongoDB, REST APIs, Socket.IO
- **Frontend:** React.js, HTML, CSS, jQuery
- **Databases:** MongoDB, PostgreSQL
- **Infrastructure:** Redis, RabbitMQ, Linux, PM2
- **Tools:** GitHub, Postman, MongoDB Compass, VS Code, Figma

ACHIEVEMENTS

- **Core Committee Lead — FEBSPORTS (Annual College Sports Fest)** Feb 2019 – Feb 2020
Led the core organizing committee and successfully delivered 20+ sports events with participation from 300+ students.

CERTIFICATIONS

- **MERN Full Stack Development — Universal Informatics** Sep 2024 – Feb 2025
Completed hands-on training in MERN stack including MongoDB, Express.js, React.js, and Node.js. Built and deployed multiple full-stack web applications with RESTful APIs.