

KUNAL AGARWAL

Jaipur, Rajasthan

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Full Stack Developer — Node.js — React.js — MongoDB — MERN

SUMMARY

Full Stack JavaScript Developer with 3 years of experience building scalable web applications and AI-powered systems. Skilled in Node.js, React.js, Next.js, and backend architecture. Passionate about automation, scalability, and delivering production-grade solutions.

EXPERIENCE

• Activant Solutions

Full Stack Developer

Oct 2024 – Present

Jaipur, Rajasthan

- Working on **Chataffy**, an AI-powered chat support platform for businesses.
- Developed chatbot training features using web crawling and embeddings for automated responses.
- Implemented real-time chat with **Socket.IO**, **Next.js**, and **Node.js**.
- Built customizable chatbot settings and AI-human handoff features.
- Optimized performance and scalability through code profiling and efficient architecture.

• Code Symphony LLP

Full Stack Developer

May 2023 – Oct 2024

Gujarat, India

- Developed backend services for **Folklog**, a kids' learning platform using **NestJS** and **MySQL**.
- Integrated **TypeORM**, **New Relic**, and **Bunny.net CDN** for monitoring and fast content delivery.
- Implemented role-based API management and subscription handling with **RevenueCat**.
- Reviewed pull requests ensuring scalability and clean code practices.

• KainSkep Solutions

Node.js Intern

Sept 2022 – Apr 2023

Jaipur, Rajasthan

- Contributed to **Eximpedia**, an analytics tool for Asia's trade data.
- Developed REST APIs using **Node.js** and **ElasticSearch** for data insights and visualization.

PROJECTS

• Chataffy – AI Chat Support System

Professional Project

- Created web scraping and embedding pipelines for chatbot training.
- Used **BullMQ** for job queues and **Pinecone** for vector storage.
- Containerized with **Docker** for scalable deployment.

• Folklog – Kids' Learning Platform

Professional Project

- Developed backend APIs using **NestJS + MySQL**. Integrated **New Relic** and **Bunny.net CDN**.
- Added **Google Analytics** and **RevenueCat** for tracking and subscription management.

• Freshopure – B2B Fruits & Vegetables Ordering App

Personal Project

- Built APIs for order management and OTP-based authentication using **Msg91**.
- Deployed on **AWS** with JWT-secured access and serverless MongoDB setup.

TECHNICAL SKILLS

Languages:

JavaScript (ES6+)

Frameworks:

Node.js, Express.js, React.js, Next.js, NestJS

Databases:

MongoDB, MySQL

Tools:

Docker, Git, Postman, Nginx, BullMQ, Pinecone, AWS

Concepts:

REST APIs, WebSockets, Scalability, CI/CD

EDUCATION

• JECRC University, Jaipur

2019 – 2023

B.Tech in Computer Science (8.2 CGPA)

• SVM Public School, Jaipur

2018 – 2019

Class 12th (76.8%)

• SVM Public School, Jaipur

2016 – 2017

Class 10th (8.8 CGPA)

CERTIFICATIONS

• Architecting with Google Compute Engine — Coursera (Certificate)

• Google Cloud Fundamentals: Core Infrastructure — Coursera (Certificate)