KEDHARNADH

Software Engineer

🌐 Portfolio   📞 +91-8500168235   @ g.kedharnadh098@gmail.com   📍 Guntur, AP - India   in Linkedin   ⦿ Github

WORK EXPERIENCE

Full Stack Developer - Freelance (Stealth Project)
ITJOBXS

📅 May 2025 – Oct 2025   📍 Remote, India

- Built and optimized **MERN stack applications** with a focus on scalability, performance, and responsive user experience.
- Strengthened **authentication, validation, and security layers** to prevent spam, misuse, and unauthorized access.
- Designed and integrated **RESTful APIs** using **MongoDB aggregation pipelines** and optimized queries to improve data retrieval and backend efficiency.
- **Tech Stack:** Node.js, Express.js, React.js, MongoDB, JavaScript

Software Engineer
NorthSouth GIS

📅 Mar 2023 – Jul 2024   📍 Hyderabad, India

- Engineered **dormitory, locker booking & room allocation modules** with a **config-driven UI** for Vasavi Trust **(VasaviTrust)**, automating **90%** of workflows and reducing errors by **80%**.
- Implemented **optimistic concurrency control** and built robust **SQL Server logging mechanisms**, improving booking accuracy and reducing debugging efforts by **90%**, while also developing a **Twilio OTP authentication API** for a sister team.
- Delivered **NSG PAD (Notes App)** as a **Minimum Viable Product (MVP)** featuring **dynamic, user-defined routes**, CRUD APIs, and integrated **CKEditor** for rich-text editing, enabling controlled and flexible note management.
- Built a high-performance full-stack system with a **scalable MongoDB backend**, **user authentication**, and a responsive **React.js** & **Bootstrap** UI for seamless note management.
- **Tech Stack:** C#, Node.js, React.js, JavaScript, jQuery, MS SQL Server, MongoDB, ASP.NET Web API, Bootstrap, Twilio.

TECHNICAL SKILLS

- **Core Areas:** DSA, System Design, DBMS
- **Languages:** Java, JavaScript, C#, Python, SQL
- **Frontend:** React.js (Redux Toolkit, Context API), Tailwind CSS, Bootstrap, HTML, CSS
- **Backend:** Node.js, Express.js, GraphQL, WebSocket, gRPC, REST APIs, ASP.NET Web API
- **Databases:** MongoDB, MySQL, MS SQL Server, NoSql
- **Cloud & Deployment:** AWS services, Docker
- **Tools & Automation:** Git/GitHub, Postman, Cron Jobs

CERTIFICATIONS

- System Design, iNeuron (Link)
- Complete Web Development by Hitesh, Udemy (Link)

EDUCATION

B.Tech. (CSE) – 9.0 CGPA
RGUKT Nuzvid (IIIT)

📅 2019 – 2023   📍 Andhra Pradesh, India

ACHIEVEMENTS

- **1600+ Rated** on Leetcode.
- Achieved a **5-star rating** in Problem-Solving on HackerRank.
- Solved over **250+ coding problems** across multiple coding platforms.

PROJECTS

NetflixGPT – AI-Powered Movie Recommendation Platform

- **React | Redux Toolkit | Firebase | Gemini API | TMDB | Tailwind**
- Built an AI-powered Netflix-style platform using **Gemini APIs** for personalised, genre-aware recommendations.
- Added **multi-language GPT search** with centralized state via **Redux Toolkit** and **Firebase Authentication**.
- Integrated **TMDB API** for live movie data and built a responsive UI using **Tailwind**.
- GitHub

DevTinder – Developer Networking App

- **MERN | Redux Toolkit | AWS (EC2, SES) | Socket.io | JWT Cookies | Tailwind | DaisyUI**
- Built a Tinder-style Developer networking app with a **microservices architecture**.
- Enabled 1:1 real-time messaging via **Socket.io** and secure **JWT cookie-based authentication**.
- Automated daily Email digests at 8-AM using **AWS SES + Cron Jobs**.
- Designed a responsive UI with **DaisyUI & Tailwind** supporting live profile edits and theme switching & deployed on scalable **EC2**.
- GitHub-FE   GitHub-BE

LMS - Learning Management System

- **MERN | PayPal | Context API | Tailwind | Shadcn UI | Cloudinary | JWT**
- Developed a full-stack LMS with instructor/student dashboards and seamless **PayPal** payments.
- Integrated **Cloudinary** for media uploads and category-based course management.
- Secured backend with **Helmet, CORS, HPP, Rate-Limiting, mongoSanitize** for robust API protection.
- Built a clean, responsive UI using **Tailwind + Shadcn UI** for consistent accessibility.
- GitHub