PALANI KAMESHWARAN

Full Stack Developer

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kameshx.vercel.app

in kameshx

elevenkamesh

WORK EXPERIENCE

Full Stack Developer

Maticz Technology

March 2025 - Present

India

Engineered scalable backend systems and interactive frontends for products ranging from real-time multiplayer games to social platforms with live chat, ensuring low latency and smooth performance.

- Built and maintained REST APIs using **Node.js (Express)** and **Python(FastAPI)** with a focus on performance and scalability.
- Designed and developed reusable, responsive UI components in **ReactJS** and **Redux**, reducing development time for new features.
- Improved system throughput by integrating BullMQ and Kafka for asynchronous and distributed processing, lowering server CPU usage by 60%.
- Delivered contactless authentication features by integrating NFC keycard support into a React Native app using native modules.
- Integrated **ChatGPT API** with **DALL·E** to enable Al-driven image generation within the application, adding dynamic content creation capabilities.

Software Developer

Maticz Technology

📋 September 2023 - March 2025

India

Contributed to the design and implementation of backend services and full-stack applications, collaborating with cross-functional teams to deliver user-friendly solutions.

- Developed backend modules for real-time communication systems using **Socket.IO**, ensuring seamless connectivity for live chat and gaming features.
- Implemented secure and scalable file storage solutions with AWS S3, and improved global content delivery with CloudFront CDN.
- Boosted response times with a **Redis-based caching layer**, significantly cutting down request latency for frequently accessed data.
- Collaborated closely with UI/UX designers translate business requirements into technical features.

EDUCATION

Msc Computer Science

Thiagarajar College

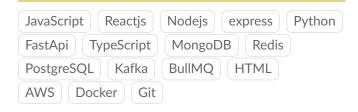
2021 - 2023

Bachelor of Computer Application

The American College

1 2018 - 2021

SKILLS



PROJECTS

News Al Assistant Chatbot

- Built an Al-powered chatbot that provides contextual news assistance with RAG using React, Node.js,
 Python, Qdrant, Redis, and Gemini LLM.
- Implemented semantic search with Xenova Transformers.js embeddings and Redis-based session history for smooth conversations.

ai-news-teal.vercel.app

Todo app web extension

- It is a normal todo app but as a web extension. It can store data offline and maintain it.
 - Q elevenkamesh/todo-web-extention

Anonymous Blog

FastAPI + MongoDB Social Blog API project
elevenkamesh/anonymous blog backend