

PALANI KAMESHWARAN

Full Stack Developer

@ 11kameshwaran@gmail.com

+91 701-045-5591

kameshx.vercel.app

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 AI-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

2018 – 2021

SKILLS

JavaScript

Reactjs

Nodejs

express

Python

FastApi

TypeScript

MongoDB

Redis

PostgreSQL

Kafka

BullMQ

HTML

AWS

Docker

Git

PROJECTS

News AI Assistant Chatbot

- Built an AI-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.

elevenkamesh/todo-web-extention

Anonymous Blog

- FastAPI + MongoDB Social Blog API project

elevenkamesh/anonymous_blog_backend