ARJUN RAO K

Web Developer

Socials – <u>github</u> , <u>Linkdin</u>, <u>Mail</u>, <u>Phone</u>

CAREER SUMMARY:

I'm a solution-oriented problem solver with a passion for building and maintaining software. Currently, I'm exploring AI agents to enhance my technical expertise. I possess strong communication skills and am actively learning Japanese to become a bilingual software engineer.

PROJECTS

HEALTHIER– <u>Link</u>

Tech Stack – MERN , LLM, Vision models

- HEALTHIER is a life-management / health-assistant platform that ingests user inputs (images, text, forms) and provides dashboards for Food, Expenses, Sleep, Activity, and Productivity.
- Core idea: combine frontend dashboards + an API gateway with modular backend services and an AI Orchestrator that coordinates LLMs, vision models, and ML models to deliver insights, plans, and predictions.

Kanji Kousa – <u>Link</u>

Tech Stack – JavaScript, React, TaiwindCSS, Express, PostgreSQL

- Kanji Kousa a full-stack web app for JLPT kanji learning with flashcards, randomized quizzes (700+ Qs), analytics, Auth0 auth, and Google Gemini chatbot.
- Developed a React + Express + PostgreSQL architecture that fetches JLPT kanji data, generates randomized quizzes from a 700+ question bank, visualizes user performance with React Charts, and integrates AI tutoring via Google Gemini; deployed to Render.

RELEVANT PROJECTS:

Hospital Appointment System – <u>Link</u>

Tech Stack – Next JS, Appwrite(DB+Auth), TaiwindCSS

- Designed and implemented booking flow, availability checks, and email confirmations to streamline appointment scheduling and reduce manual coordination overhead.

Load Balancer – <u>Link</u>

Tech Stack – JavaScript (Node Js)

- A custom Node.js load balancer that routes requests based on real-time CPU usage of backend servers, featuring a live dashboard with request logs, response times, error logs, and traffic visualizations.

EDUCATION:

2022 – 2026 | Dayananda Sagar College of Engineering, Bangalore
Bachelor of Electronics and Communication Engineering

SKILLS:

- React.js, Node.js , MongoDB, Postman, AWS (essentials).
- Machine Learning, Deep Learning , GenAI
- JavaScript, Python, Java

CERTIFICATIONS :

- Full Stack Web Development – Apna College
- AWS essentials – Coursera
- JLPT N4 – Japanese Language