SHAIK RAIYAN

+91 8247460113 | shaikraiyan2005@gmail.com | linkedin.com/in/shaik-raiyan

github.com/SHAIK-RAIYAN

EDUCATION

Kalasalingam Academy of Research and Education   2022 – 2026
B.Tech, Computer Science and Engineering (Specialization in AIML)   *CGPA: 9.08*

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, HTML/CSS

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Bootstrap, Tailwind CSS, GSAP, Lenis

Databases, Tools & Platforms: MongoDB, SQL, PostgreSQL, Git, GitHub, Postman, Vercel

Core Concepts: Data Structures Algorithms (DSA) in Java, OOPS, DBMS

AI/Automation: AI Agents, LLM Integration, Webhooks, REST APIs

KEY PROJECTS

WanderNest   JavaScript, Node.js, Express, MongoDB, EJS
Enterprise Hotel/Property Listing Platform

  Engineered a complete MVC-based platform with RESTful CRUD functionality, utilizing Mongoose for rigorous schema validation.
  Developed a secure backend implementing method-override for legacy support and established scalable data management practices.
  Optimized frontend performance with vanilla JS for dynamic client-side rendering, including real-time location selectors and adaptive UI components.

Pulsevo   React, Flask, SQLite, AI Integration
AI-Powered Team Productivity Dashboard

  Built a Flask REST API with complex data modeling for real-time task tracking and multi-team benchmarking.
  Developed a responsive React 18 frontend with live metric auto-refresh and interactive Recharts visualizations.
  Integrated AI for team sentiment analysis and a natural language interface to query dashboard data conversationally.

TripSage   Node.js, Express, MongoDB, Socket.IO, Google Gemini AI
AI-Driven Travel Planner

  Built an Automation Agent for travel planning using Node.js and AI models, integrating webhooks for real-time data.
  Architected an end-to-end trip planning workflow featuring real-time data aggregation for flights/hotels and AI-generated markdown itineraries via Google Gemini.
  Integrated Socket.IO to facilitate live, session-persisted conversational follow-ups with the AI, enhancing user engagement.

ACHIEVEMENTS

Winner (1st Prize) - Terralogic Hackathon   November 2025
Terralogic Inc. (12-hour hiring hackathon)   *Nellore*

  Secured 1st place by engineering **Pulsevo**, a real-time AI-powered team productivity dashboard, delivering a fully functional MVP with predictive analytics and natural language query capabilities under 12-hour time constraints.

Winner (1st Prize) - Disfrutar 2k25 Hackathon   August 2025
KARE ACM Student Chapter (24-hour hackathon)   *Krishnankoil*

  Led team to victory by engineering **Shorts AI**, an autonomous video production pipeline utilizing Remotion and multi-agent Generative AI (OpenAI, ElevenLabs, Replicate) to programmatically render viral short-form content.

2nd Runner-Up - IBM Ice Day Hackathon   October 2023
IBM (24-hour hackathon)   *Krishnankoil*

  Developed an ML-powered web application for multi-disease prediction (Diabetes, Heart Disease) integrated with a conversational chatbot for user insights, placing top 3 among 40+ teams.

CERTIFICATIONS

Database Management Systems - CodeChef

Postman API Fundamentals - Postman Student Expert

Java Programming - GeeksforGeeks