

# SHAIK RAIYAN

+91 8247460113 | shaikraiyen2005@gmail.com | [linkedin.com/in/shaik-raiyen](https://www.linkedin.com/in/shaik-raiyen)  
[github.com/SHAIK-RAIYAN](https://github.com/SHAIK-RAIYAN) | [shaikraiyen.me](https://shaikraiyen.me)

## EDUCATION

<b>Kalasalingam Academy of Research and Education</b> <i>B.Tech, Computer Science and Engineering (Specialization in AIML)</i>	2022 – 2026 CGPA: 9.08
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## TECHNICAL SKILLS

**Cloud & Data Engineering:** Microsoft Fabric, Azure Data Factory, Synapse Analytics, OneLake, Apache Spark  
**Languages:** Java, Python, SQL (T-SQL), TypeScript, JavaScript, HTML/CSS  
**Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js, Bootstrap, Tailwind CSS  
**Databases:** Azure SQL, PostgreSQL, MongoDB, Delta Lake  
**Core Concepts:** Data Structures & Algorithms (DSA), ETL/ELT Pipelines, Data Warehousing, OOPS

## CERTIFICATIONS

**Microsoft Certified: Fabric Data Engineer Associate (DP-700)** - Credential Link  
**Microsoft Certified: Azure Data Fundamentals (DP-900)** - Credential Link  
**Database Management Systems** - CodeChef  
**Postman API Fundamentals** - Postman Student Expert

## KEY PROJECTS

<b>WanderNest</b> <i>Enterprise Hotel/Property Listing Platform</i> Engineered a complete MVC-based platform with RESTful CRUD functionality, utilizing Mongoose for schema validation. Developed a secure backend implementing method-override for legacy support and established data management practices. Optimized frontend performance with vanilla JS for dynamic client-side rendering, including real-time location selectors and adaptive UI components.	JavaScript, Node.js, Express, MongoDB, EJS
<b>TripSage</b> <i>AI-Driven Travel Planner</i> 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.	Node.js, Express, MongoDB, Socket.IO, Google Gemini AI

## ACHIEVEMENTS

<b>Winner (1st Prize) - Terralogic Hackathon</b> <i>Terralogic Inc. (12-hour hiring hackathon)</i> Secured 1st place by engineering <b>Pulsevo</b> , 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.	November 2025 Nellore
<b>Winner (1st Prize) - Disfrutar 2k25 Hackathon</b> <i>KARE ACM Student Chapter (24-hour hackathon)</i> Led team to victory by engineering <b>Shorts AI</b> , an autonomous video production pipeline utilizing Remotion and multi-agent Generative AI (OpenAI, ElevenLabs, Replicate) to programmatically render viral short-form content.	August 2025 Krishnankoil
<b>2nd Runner-Up - IBM Ice Day Hackathon</b> <i>IBM (24-hour hackathon)</i> 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.	October 2023 Krishnankoil