

SHAIK RAIYAN

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EDUCATION

Kalasalingam Academy of Research and Education
B.Tech, Computer Science and Engineering (Specialization in AIML)

2022 – 2026
CGPA: 9.08

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

WanderNest <i>Enterprise Hotel/Property Listing Platform</i>	JavaScript, Node.js, Express, MongoDB, EJS
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.	
TripSage <i>AI-Driven Travel Planner</i>	Node.js, Express, MongoDB, Socket.IO, Google Gemini AI 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 <i>Terralogic Inc. (12-hour hiring hackathon)</i>	November 2025 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 <i>KARE ACM Student Chapter (24-hour hackathon)</i>	August 2025 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 <i>IBM (24-hour hackathon)</i>	October 2023 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.	