

BALAJI S

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PROFESSIONAL SUMMARY

Aspiring Software Developer eager to learn, grow, and contribute to innovative projects. Committed to building efficient solutions and adding value to a dynamic team. Seeking opportunities to gain hands-on experience and enhance technical skills..

TECHNICAL SKILLS

Programming Languages	Java C
Development	Node Express MySQL MongoDB
Tools Used	Git Github Visual Studio Postman

PROJECTS

LifeLine - API 🔗

- Built “Lifeline API”, a backend-only Node.js + Express.js application to manage emergency contacts and distress alerts via REST APIs.
- Implemented secure JWT-based authentication, CRUD operations for emergency contacts, and simulated SOS alerts using mock messaging APIs.
- Integrated MongoDB for persistent storage with Mongoose ORM and added rate limiting & logging for abuse prevention.

TastyTrack 🔗

- Tech Stack: React.js (Vite.js), Node.js, Express.js, MongoDB, Tailwind CSS, Puppeteer, Cheerio, OpenAI GPT, Google Places API
- Developed scalable and modular RESTful APIs using Express.js and MongoDB to manage restaurant data, user queries, and recommendation logic efficiently.
- Designed and implemented web scraping pipelines using Puppeteer and Cheerio to extract structured data from Swiggy, Zomato, and Google, with scheduled crawlers for real-time updates.

CERTIFICATIONS

- Full stack web development course by Hitesh Choudhary - Udemy 🔗
 - Learned HTML, CSS, Js, Node.js, Express.js, MongoDB, MySQL, REST APIs, and Deployment.
- Career Essentials in Generative AI - Microsoft and LinkedIn Learning 🔗
 - Learned the fundamentals of AI, machine learning, generative AI, and the differences between traditional AI and GenAI.

EDUCATION

RMK Engineering College

Bachelor of Computer Science and Business Systems

Expected 2026

StarLion Matriculation Higher Secondary School

HSC & SSC

2018 - 2022

COURSEWORK

- Data Structures and Algorithms [GFG](#) | [LeetCode](#)
- Object Oriented Concepts [Mini-Project] 🔗
 - Tech Stack: Java, MySql, JDBC
 - Engineered a scalable Railway Reservation System leveraging SOLID principles and design patterns to optimize booking, cancellation, and seat allocation workflows with high cohesion and low coupling.
- Operating System
- Computer Networks