Balachandar B

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GitHub | LinkedIn | Leetcode | Portfolio

EDUCATION

B.E(CSE) - Sri Eshwar College of Engineering, Coimbatore	|| CGPA : 8.26 (4th semester)	2023 - 2027
HSC - St. Antony's Matric Hr. Sec. school	|| 84.8%	2021 - 2023
SSLC - St. Antony's Matric Hr. Sec. school	|| pass	2020 - 2021

INTERNSHIPS EXPERIENCE

MERN Stack Intern - Rampex Company | January 2025   **View Certificate**

Built a full-stack MERN application with 10+ RESTful APIs, improving data retrieval speed by 30%. Integrated frontend/backend, implemented JWT authentication for secure sessions, and used React Hooks, Redux, and MongoDB aggregations to manage dynamic data for 1,000+ users.

DevOps Intern - Rampex Company | July 2025

Built and deployed a chatbot application using Spring Boot and Maven, reducing response latency by 40%. Containerized with Docker, pushed to Docker Hub, and deployed on Apache Tomcat for 24/7 production access. Configured CI/CD pipelines, and managed scalable infrastructure on AWS EC2 with VPC and Nginx, supporting 1,000+concurrent users.

PROJECTS

ResQRun – Ambulance Dispatch App: **GitHub_Link**

Designed a real-time ambulance dispatch app using **Flutter (Dart), Firebase,** and REST APIs. Included features like live location tracking, emergency requests, and driver-patient coordination.

Product Price Comparison Application: **GitHub_Link**

Built a price comparison mobile application that helps users quickly find the lowest-priced product by comparing rates from different sellers. Designed with a clean UI and scalable architecture, showcasing real-world problem-solving using Flutter.

AI Explorer: **GitHub_Link**

Engineered a full-stack **React + Node.js** app to explore and manage AI tools with categories, descriptions, links, and logos. Integrated REST APIs and MongoDB storage. Formulated an admin dashboard with live editing and validation.

Mario Juicy: **GitHub_Link**

Successfully developed a web application for ordering food and snacks, streamlining the ordering process with a seamless user interface and backend integration. Achieved enhanced efficiency in transactions and reduced customer wait times.

PROGRAMMING ACHIEVEMENT

Leetcode	- Solved 510+ problems | highest contest rating:1650+	**Profile**
Hacker rank	- Solved 50+ problems.	**Profile**
Buildathon	- Secured first place in intra college coding competition.	**View Certificate**
CodeLee	- Recognized for having high Leetcode contest count and rating among peers.	**View Certificate**

SKILLS

Language:	C | C++ | Java | HTML | CSS | JavaScript | dart
Database:	MySQL | Mongo DB | Firebase(firestore)
DevOps & Cloud:	Docker | Git | GitHub | Apache Tomcat | Nginx | AWS (EC2, VPC, S3)
Mobile & Web:	Flutter | Android Studio | REST APIs
Tools & Platforms:	VS Code | Figma | Replit | Canva
Core Concepts:	Data Structures & Algorithms | OOP | CI/CD Pipelines | Containerization

CERTIFICATIONS

		Drive
Programming in Modern C++	**NPTEL**	2025
Master C++ For Competitive Coding	**AlgoZenith**	2025
The Complete Flutter Development Bootcamp with Dart	**Udemy**	2025
Learn Java Programming - Beginner to Master	**Udemy**	2024
Mastering Data Structures & Algorithms using C and C++	**Udemy**	2024
C Programming Master Class	**Udemy**	2023

Area of Interest: DevOps · Full-Stack Development · Mobile & Web Development · Cloud Deployment