



Balachandar B

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[GitHub](#) | [LinkedIn](#) | [Leetcode](#) | [Portfolio](#)

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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

INTERSHIPS 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

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.

Health Insurance Management System (Java, MySQL)

[GitHub Link](#)

Programmed a Java console application for managing health insurance policies, claims, and coverage details. Utilized MySQL for data persistence with CRUD operations and Applied custom exceptions for robust error handling.

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.

PROGRAMMING ACHIEVEMENT

Leetcode -	Solved 439+ problems highest contest rating:1534+	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