

# Bala Adhish N D

AI and Full Stack Developer  
balaadhish.cbe@gmail.com | +91 90423 00710 | GitHub | LinkedIn | Portfolio

## EDUCATION

### KATHIR COLLEGE OF ENGINEERING

#### B.E. COMPUTER SCIENCE AND ENGINEERING

Nov 2022 – Jun 2026

CGPA: 8.24 / 10

### SRI K. RANGASAMY NAIDU HSS

#### HIGHER SECONDARY (COMPUTER-MATHS)

2021 – 2022

77.16%

### SRI K. RANGASAMY NAIDU HSS

#### SSLC

2020 – 2021

69.8%

## SKILLS

### PROGRAMMING

Python  
JavaScript  
PHP  
HTML / CSS

### FRAMEWORKS & LIBRARIES

Django REST  
React  
Laravel  
Scikit-learn  
TensorFlow  
Pandas / NumPy  
Bootstrap

### TOOLS

Git & GitHub  
VS Code  
Figma  
WSL  
MCP Server

### DATABASES

SQL  
SQLite  
MongoDB

## CERTIFICATIONS

Python for DSA – NPTEL  
Introduction to Machine Learning – NPTEL  
Data Science – LinkedIn Learning  
Full Stack Development – LinkedIn Learning  
Deep Learning – GUVI

## PROFESSIONAL SUMMARY

AI and Full Stack Developer with hands-on experience in application development, testing, and analytics-driven systems. Strong ability to understand business requirements, translate them into technical solutions, and deliver reliable applications while adhering to structured development processes and tools.

## EXPERIENCE

### POORNA TECHNOLOGIES CONSULTING | SOFTWARE ENGINEERING INTERN

Oct 2025 – Dec 2025

- Developed and enhanced application features using clean, modular code with unit testing to improve system stability.
- Translated business and functional requirements into technical implementations in collaboration with senior engineers.
- Maintained technical documentation and followed version control and deployment processes to ensure consistency.

### INFOSYS SPRINGBOARD | AI VIRTUAL INTERN

Nov 2025 – Present

- Contributed to an ML-based personalized diet recommendation system by implementing data preprocessing workflows.
- Assisted in feature engineering and model logic development using structured ML pipelines.
- Validated model performance through quantitative and qualitative analysis to improve accuracy.

## PROJECTS

### ACAD-ASSIST – AI LEARNING COMPANION | REACT, FASTAPI, RAG SYSTEMS

- Designed RESTful backend services to support an AI-powered learning platform.
- Implemented document ingestion, embedding, and retrieval pipelines for accurate responses.
- Performed functional testing and system validation to ensure reliability and correctness.

### CARBON FOOTPRINT ANALYZER | DJANGO, REACT, ANALYTICS

- Built a web application to calculate and visualize CO<sub>2</sub> emissions using structured datasets.
- Applied quantitative and qualitative analytics to generate sustainability insights.
- Supported application testing, deployment, and documentation workflows.

### LOAN MANAGEMENT SYSTEM | LARAVEL, POSTGRESQL

- Developed a loan application and approval system with role-based access for users and administrators.
- Implemented backend logic using Laravel MVC architecture and integrated MySQL for secure data storage.
- Automated loan eligibility checks and status tracking, improving processing efficiency and accuracy.