

# Aravindh Balaji

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## EDUCATION

### CHENNAI INSTITUTE OF TECHNOLOGY

BENG IN COMPUTER SCIENCE

AND ENGINEERING

Sep 2023 - May 2027

Chennai, India

CGPA: 9.08/10.0

### THAMARAI INTERNATIONAL SCHOOL

May 2020 - May 2023

TamilNadu, India

## LINKS

Github: [aravindhbalaji04](#)

LinkedIn: [aravindhbalaji04](#)

LeetCode: [aravindhbalaji04](#)

CodeChef: [aravindhbalaji04](#)

CodeForces: [aravindhbalaji04](#)

X: [@aravindhbalaji04](#)

## COURSEWORK

### UNDER GRADUATE

Python, C and Java

Object Oriented Programming System

Data Structures and Algorithms

Foundations of Data Science

## SKILLS

### PROGRAMMING

Most Comfortable with:

• Python • C++

Have worked on:

• C • Typescript • MySQL • Rust

Familiar with:

• Java • CSharp • Big Data

• Go • Unity Game Engine

### FRAMEWORK, DATABASE LIBRARIES AND MODULES

• React • SQL • AWS

• Python Libraries • Heroku

### TOOLS AND PLATFORMS

• Git • GitHub • Tableau

• VS Code • GitHub Actions • Heroku

• PyTorch • Streamlit • Scikit-Learn

## EXPERIENCE

### PEER MENTOR FROM CHENNAI INSTITUTE OF TECHNOLOGY

During May 2024

- I taught and inspired a diverse group of incoming freshman students, many of whom had little to no prior programming experience.
- I received positive feedback from them for creating an engaging, supportive, and informative learning experience.
- I contributed to the development of foundational programming skills in students, preparing them for further coursework and projects in their academic journey.
- Skills : Python, Presentation skills, Communication, Teaching

## CERTIFICATION

### DEVOPS, DATAOPS, MLOPS BY DUKE UNIVERSITY

Issued on July 2024

- Build operations pipelines using DevOps, DataOps, and MLOps
- Explain the principles and practices of MLOps (i.e., data management, model training and development, continuous integration and delivery, etc.)
- Build and deploy machine learning models in a production environment using MLOps tools and platforms.
- Skills : Python Libraries, Big Data, Machine Learning, Devops, Rust Programming

## PROJECTS

### MACHINE LEARNING WEB APP WITH STREAMLIT AND PYTHON

Done on July 2024

- Trained to build interactive web applications with Streamlit and Python
- Trained models like Logistic Regression, Random Forest, and Support Vector Classifiers using scikit-learn
- Built and deployed machine learning models in a production environment using MLOps tools and platforms.
- Skills : Data Science, Python Programming, Machine Learning, Streamlit, Scikit-Learn

### PYTORCH COMPUTER VISION MODEL API TO HEROKU

Done on July 2024

- Built a PyTorch computer vision model REST API with Flask.
- Deployed PyTorch computer vision model REST API to Heroku
- Tested out the PyTorch computer vision model REST API localhost and Heroku's end point.

## ACHIEVEMENTS

2023	Top 1% in the platform	Coding Ninjas (Code Studio)
2024	Global Rank 24/3991	CodeChef Starters 118 (Division 3)
2024	Global Rank 1333/50000+	TCS CodeVita Season 11
2025	3 Star Rated Coder (Top 6%)	CodeChef (Peak Rating : 1662)
2025	Knight (Top 4.43%)	LeetCode (Peak Rating : 1900)
2025	Pupil (Green Coder)	CodeForces (Peak Rating : 1278)