BALA CHANDRAN S

239/n, Krishnalaya, VSK Nager, Kottar,
Nagercoil, Kanyakumari,
Tamil Nadu - 629002
+91-8072671628 | bala1022389@gmail.com

pandas NumPy matpl⊗tlib django
ORACLE Power BI ANGULAR MySQL

CAREER OBJECTIVE

To pursue my passion and interest in technology and programming to launch my career as full-stack developer, on the foundation my education, training, and skills, to learn on the job and grow in responsibility to build a winning team for the organization

IT TRAINING

Completed IT Career Program at Faith InfoTech Academy, Technopark with specialization in Full Stack Python, Django with Angular. Training Included basics of programming using Python, Database using Oracle and MySQL, Web application using Python Django Framework with Angular.

IT SKILLS :

Full-stack Python web development expertise:
- Programming Languages: Python
- Frontend Technologies: HTML/CSS, JavaScript
- Frontend Frameworks: Angular.js
- CSS Frameworks: Bootstrap
- Web Frameworks: Django, Django REST Framework
- Database: Oracle, MySQL
- ORM: Django ORM
- APIs & Tools: RESTful APIs, Postman
- Authentication and Authorization: Django Authentication, JWT
- Version Control: Git, GitHub.

PYTHON FULL STACK PROJECTS DURING IT TRAINING

- **Full Stack Web Application: Clinic Management System**
  Developed the frontend for a Clinic Management System, encompassing modules for Admin, Receptionist, Pharmacy, and Laboratory. Focused on the whole module, where I implemented functionalities to add, view, update, search, and delete patient records, schedule appointments for doctors, and generate tokens.
  Front End: Angular.js using HTML, CSS, and Bootstrap.
  Back End: Http Get and REST API using Django REST Framework.
  Database: MySQL with Joins, CRUD operations, Normalization.

- **Full Stack Application-OTT Platform**
  An Application for On Demand video playing like Amazon Prime Video, Netflix etc. Sub modules of content management, content creator management and user management and also with subscription.
  Front End: HTML, CSS, Bootstrap with Django Templates
  Back End: Django MVT backend with Django ORM.
  Database: MySQL with Django ORM.

- **Console Application: Contact Management System**
  Developed a console application in Python without graphics. It is similar to the contact manager in cell phone to add, view, search and delete contacts. All added and edited records are saved in a file.

- **Full Stack Application: Ecommerce Application**
  Developed a shopping application like flip cart and amazon with login for customers, purchasing thing and adding things to cart and generating bill and more features.
  Front End: React js
  Back End: Django REST Framework (API)(Serializers).
  Database: MySQL with Django ORM.

DATA SCIENCE AND MACHINE LEARNING EXPERTISE:

- Data Manipulation and Analysis: NumPy, Pandas
- Data Visualization: Matplotlib, Seaborn, Power BI
- Machine Learning Libraries: Scikit-learn, TensorFlow, Keras
- IDE: PyCharm, Jupyter Notebook, Google Colab

EDUCATION

Amrita College of Engineering and Technology, Nagercoil.
B-E, Computer Science and Engineering – 76.40%
10/2019 - 04/2023

Alphonsa Matriculation Higher Secondary School, Nagercoil.
Higher Secondary Education – 61%
05/2018 - 03/2019

Alphonsa Matriculation Higher Secondary School, Nagercoil.
Secondary Education – 84%
05/2015 – 03/2016

STRENGTHS AND INTERESTS

Technical Skills:Programming, Problem Solving, Analytical Skills
Personal Skills: Time Management
Interpersonal :   Team Player

ACADEMIC PROJECTS

- **7 Minutes Workout App**

  7 min workout app helps the user who are beginners to maintain their fitness and body mass index while doing the exercise displayed on the app 7minutes regularly.

  Language: Kotlin for app design SQL for database

  Platform used: Android studio

- **Object detection using yoloV8**

  Object detection model used to accurately identify objects within images or videos, achieving real-time processing for applications such as autonomous vehicles, surveillance, and image analysis.

  Language used: HTML, CSS, JavaScript, python

  Libraries used: Pytorch, OpenCV, TensorFlow

INTERNSHIPS

- MAFIREE MIRU IT PARK, Nagercoil, Kanyakumari: I had done a project on cricket scoreboard updating, which shows all the score and overs and ball faced and overs remaining.

  Language used: Html, CSS, JavaScript, MySQL.

- CRUD OPERATIONS, Guduvancheri, Chennai: I worked as a front-end Intern developer by using HTML5, CSS and JavaScript and made many templates.

  Language used: Html, CSS, JavaScript,MySQL.

PERSONAL INFORMATION

- Date of Birth : 19/05/2001

- Marital Status : Single

- Nationality : Indian

- Languages : English, Malayalam, Tamil