

BHARATH D

Location: Chennai, TamilNadu, India

[LinkedIn](#) | [GitHub](#) | [Leetcode](#) | [Portfolio](#) | [Kaggle](#) | Email: duraibharath2002@gmail.com | Mobile: +91 6385201842

EXPERIENCE

AI/ML Engineer	<i>Annz Technology, Chennai</i>	Apr 2025 - present
<ul style="list-style-type: none">Worked on a conversational interface for a custom database, designing complex pipelines using LangGraph, LangChain, and RAG, with integrated spaCy NER for robust entity extraction.Implemented scalable model hosting solutions and integrated advanced features leveraging prompt engineering to enhance interaction quality and system reliability.		
Software Engineer	<i>Annuity Risk India, Chennai</i>	Feb 2024 - Apr 2025
<ul style="list-style-type: none">Integrated AI/ML-powered KYC verification into the app, automating identity verification and fraud detection, leading to improved accuracy and efficiency.Developed a Data Analysis application by seamlessly integrating Flutter with R, enabling real-time statistical computation and rich data visualization directly on mobile platforms.Collaborated in the professional deployment of a niche freelancing platform for Company Secretaries, focusing on database optimization and production-level UI enhancements to support legal and compliance service workflows.		

EDUCATION

B.Tech Artificial Intelligence and Data Science	CGPA : 8.65
<i>Mepco Schlenk Engineering College , Sivakasi , Tamil Nadu</i>	2020-2024

TECHNICAL PROFICIENCIES

Languages	: C, C++, Python, R, Java, Dart , SQL
Frameworks/Libs:	PyTorch, TensorFlow, Flutter, LangChain, Flutter, OpenCV, scikit-learn
Tools/Platforms	: Git , SQL, MongoDB, Cassandra, Neo4j , Pocketbase , Docker , NGINX , Tableau
Specialized Skills:	Software Development, Conversational AI, Deep Learning, Computer Vision, NLP , RAG

PROJECTS

TalentScout	Link	Feb 2025 - Mar 2025
<ul style="list-style-type: none">Developed an AI-powered Screening Chatbot that dynamically generates technical questions based on job-specific skills.Implemented vector similarity-based answer evaluation for precise scoring and adaptive difficulty levels for better assessment.Designed Learning Mode for skill enhancement and Screening Mode for real-time AI-driven interviews.Integrated SQLite database for managing job listings, applications, and interview results.		
Supafire – Service Platform for Company Secretaries	Link	Dec 2024 – Feb 2025
<ul style="list-style-type: none">Built a cross-platform Flutter application enabling users to explore and book a wide range of professional services offered by Company Secretaries, including legal filings, registrations, and compliance support.Designed and structured the database architecture to support dynamic service listings, user profiles, order management, and secure transactions.		
Brain Tumor Classification using SWIN-LSTM Model	GitHub	Dec 2023 – Apr 2024
<ul style="list-style-type: none">Built a deep learning model for automatic brain tumor detection from MRI scans using Swin Transformer and LSTM.Captured detailed spatial features with Swin Transformer and modeled sequential patterns using LSTM.Boosted classification accuracy by addressing class imbalance and improving segmentation and efficiency.		

CERTIFICATIONS

<ul style="list-style-type: none">AWS Certified Cloud Practitioner - AWSNeural Networks and Deep Learning - DeepLearning.AIImproving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization - DeepLearning.AIData Science for Engineers IIT Madras - NPTELNatural Language Processing IITKGP - NPTEL		
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