ARJUN T ANIL

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TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C++, PHP

- **Frontend Development:** HTML, CSS, JavaScript, React.js, Bootstrap, Tailwind CSS

- **Backend Development:** Django, Flask, Node.js, Express.js, Laravel, FastAPI, RESTful API

- **Database Management:** MySQL, PostgreSQL, MongoDB, SQLite

- **Artificial Intelligence and Machine Learning:** PyTorch, TensorFlow, Scikit-learn, Pandas, NumPy, CNN, Machine Learning Algorithms, LangChain, FAISS, spaCy, Sentence-BERT, Hugging Face, RegEx

- **Cloud & DevOps:** Amazon Web Services (AWS), Linux, Docker, Git, GitHub

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KEY PROJECTS

EduPlatform - LMS | October *2025 - Present*

- Developed a full-stack LMS with user login, course enrollment, faculty directory, and admin management using PHP Laravel, Inertia.js, React and Vite. Managed data using MySQL.

NextStep AI: Career Navigation Platform | *June 2025 – October 2025*

- AI-powered career coaching platform with resume skill gap analyzer, career advisor, and path explorer using FastAPI, Streamlit, spaCy, Multinomial Naive Bayes classifier, LLM Finetuning and RAG.

AI-Powered Information Retrieval System | *August 2025*

- Advanced PDF processing RAG (Retrieval Augmented Generation) system with FIASS, semantic search, and quiz generation using Python, LangChain, Google Generative AI LLM, and PyPDF.

Autosphere - Vehicle Registration & Management System | *February 2025 - May 2025*

- A full stack digital RTO management platform with citizen portal, payment integration, and multilingual support using Python Django, PostgreSQL, Razorpay API, and JavaScript

BugXpert - AI Bug Prediction & Code Quality Analysis | *March 2025*

- ML-powered software quality assessment tool with bug prediction and classification using Polynomial Regression, Logistic Regression, KNN, Python Flask, deployed on Render

WaitPredict - Traffic Signal Prediction System | *February 2025 - March 2025*

- Smart traffic management system predicting red light wait times using Linear Regression, Python Flask, scikit-learn, and responsive web design

Recipe Book - Recipe Sharing Platform | *January 2025 - February 2025*

- Full-stack recipe management application with user authentication, PDF export, and search functionality using Python Django, SQLite3, deployed on PythonAnywhere

DIY Blog – Secure Blogging Platform | *January 2025 – February 2025*

- Designed a feature rich blog with audio accessibility. Implemented password-protected blogs and audio conversion for blog. Tech Stack: Python Django, SQLite3, HTML/CSS/JS, Render.

Cam Fiesta – AI Powered E-commerce Platform | *September 2024 - November 2024*

- Online camera shopping platform with product management, user authentication, order processing, and AI Chatbot integration using Python Django, SQLite3, HTML, CSS, JavaScript

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PROFESSIONAL EXPERIENCE

- **Associate AI Developer Intern** | *Tabernacle Pvt Ltd, Singapore | November 2025 - Present*
- **Machine Learning Intern** | *Cognifyz Technologies | May 2025 - June 2025*
- **Full Stack Web Development Intern** | *Unified Mentor Private Limited | April 2025 - May 2025*

EDUCATION

- **Master of Computer Applications (MCA)** : *Marian College, Kuttikkanam | July 2024 – Present | SCPA : 8.8*
- **BSc Physics** : *M E S College, Nedumkandam | September 2021 - May 2024 | CGPA : 7.7*

CERTIFICATIONS

- **Python for Data Science** | IIT Madras (NPTEL) | October 2025
- **Plan and Prepare to Develop AI Solutions on Azure** | Microsoft | July 2025
- **AI for All: From Basics to GenAI Practice** | NVIDIA | June 2025
- **AWS Certified Developer - Associate** | Infosys Springboard | June 2025
- **Introduction to Natural Language Processing** | Infosys Springboard | June 2025
- **Building GenAI Applications with MongoDB** | MongoDB | May 2025
- **Programming, Data Structures and Algorithms Using Python** | IIT Madras (NPTEL) | May 2025
- **Machine Learning with Python** | IBM | April 2025
- **Data Science Tools** | IBM | October 2024

ACHIEVEMENTS

- **Marian Golden Band Award** - Semester 1 (SCPA 8.33/10) & Semester 2 (SGPA 9.54/10)
- **Research Presentations :** "Role of Chatbots in Health Care" at Marian Institute of Management, Kuttikkanam
- **Conference Presentations:** "Cloud & Emerging Technologies 2025" at Rajagiri College, Kochi