ARUN K H Freasher

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🪪 SUMMARY

Final-year Engineering student with hands-on experience in **Python**, and a strong foundation in **Artificial Intelligence, Machine Learning, Data Science**, and **Fullstack development**. Passionate about building intelligent systems and data-driven solutions that solve real-world problems. Skilled in developing web applications and applying ML models for predictive analytics and automation. Eager to contribute to innovative projects at the intersection of technology and business.

🎓 EDUCATION

B. Tech - Artificial Intelligence & Data Science,   2022 – 2026
Agni College of Technology, Chennai   Chennai, India
CGPA - 8.33

HSC +2, Anna Gem science park mat. hr. sec school   2021 – 2022
Percentage - 78.9%   chennai, India

SSLC, Anna Gem science park mat. hr. sec school   2019 – 2020
Percentage - 60.3%   chennai, India

🧠 TECHNICAL SKILLS

Languages
Python

Designing
Figma, Adobe

Databases
MySql, Fire store, Mangodb.

Frameworks/Tools
Node.js, GitHub, Matplotlib, TensorFlow, Pandas, HuggingFace, React.js, Flutter, Firebase

Concepts
Data Structures using C, Machine Learning, LLM model, Fundamental of cloud

Soft skills
Communication, Leadership, Problem-Solving, Research, Teamwork, Adaptability.

📚 TRAININGS & COURSES

Artificial Intelligence, Wipro skill course   03/2025 – 05/2025

Azure cyber security, Wipro skill course   03/2025 – 05/2025

Deep Learning (Elite), NPTEL, Chennai   06/2024 – 10/2024

Data structure using C, SkillRack, Chennai   06/2024 – 08/2024

Large Language Model, NPTEL, Chennai   02/2023 – 04/2024

Python Programming, SkillRack, Chennai   06/2023 – 07/2023

RPA, Wipro skill course   03/2025 – 05/2025

IDE Bootcamp, SRM, Thiruchirappalli   09/2024 – 09/2024

🏅 ACHIEVEMENTS

Finalist in SIH 2023, Poornima Institute of technology   12/2023

2nd Place -Paper Presentation,, S.A. Engineering College   10/2024

1st Place - Paper Presentation, S.A. Engineering College	10/2024
2nd Place - Paper Presentation, Jerusalem College of Engineering	01/2024
1st place - Paper Presentation, BIS	2023
Finalist in Chemovate'25, St.Joseph College	03/2025

📁 PROJECTS

Placement app   02/2025 – 05/2025
Role: Fullstack development | Tech: Flutter, Firebase, Github.
- **This project is a mobile app with a Firebase backend.** It supports user authentication, secure data storage using Firestore, and optional features like cloud storage and cloud functions.
- The backend is fully scalable, enabling seamless real-time updates and easy integration with the app frontend.

Deepfake Shield, (4 weeks)
Role: Fullstack developmet & AI Model Developer | Tech: Python, OpenCV, TensorFlow, React.js.
- Developed and fine-tuned a model for real-time deepfake detection.
- Integrated explainability to highlight tampered image regions.
- Achieved an accuracy of 86% in detecting deepfake videos.

Traffic Management using AI, (6 months)
Role: AI Model Designer | Tech: Python, OpenCV, Flask
- Designed a vehicle detection-based system to optimize traffic signals.
- Achieved 30% traffic efficiency in simulation tests.

Skin disease analysis using ML, (2 months)
Role: AI Model Fine tuning | Tech Python, OpenCV, Dlib
- Developed an ML-based system to analyze skin disease images and classify conditions with improved diagnostic accuracy.
- Utilized image processing and classification algorithms to support early detection.

⭐ INTERNSHIPS

Indium software company
- Role: Data & AI
- Duration of internship - Three months

InternzLearn (EduTech)
- Role: AI & ML
- Duration of internship - Three months

✏️ Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

K.H.Arun

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chennai