

DHRUV R KRISHNAN



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🧠 SKILLS

- RL
- LLM
- Python
- MongoDB
- EDA
- LVM
- Computer Vision
- Neural Networks
- CNNs
- Databricks
- FastAPI
- Postgres SQL
- HTML
- CSS
- JavaScript
- Django
- NextJS

👤 PROFILE SUMMARY

AI Engineer with strong **analytical** and **coding skills**, experienced in **building domain-specific LLMs** using **SFT** and **RL** to enhance reasoning and clinical accuracy. Effective **communicator** and **leader**, **adaptable** and **detail-oriented**, with a focus on delivering practical, high-impact AI solutions grounded in **strong ethical values**.

💼 PROFESSIONAL EXPERIENCE

Doctreen | Montpellier, France [🔗](#)

AI R&D Research Engineer (Part of an AI team of 6)

06/2025 – Present

Doctreen is an AI healthcare company focused on automating clinically accurate report generation.

- Engineered indigenous pipelines for **generating clinically accurate medical data** to support domain-specific LLM training.
- Designed and trained a **custom LLM** for Doctreen using **SFT** and **RL**, boosting **medical reasoning** performance to **outperform ChatGPT** on the product software benchmark.
- Architected an **end-to-end AI solution** to construct medically grounded **decision trees**, assisting radiologists in generating **accurate and structured reports**.
- Advanced model performance by **integrating structured medical knowledge**, enabling more accurate and context-aware report generation.

AI R&D Research Intern [🔗](#)

Doctreen | Montpellier, France

01/2025 – 06/2025

- Although an intern, worked at the **capacity of a full-time employee**
- Enhanced Doctreen's medical report generation system using state-of-the-art AI technologies of **GRPO-based RL training**
- Customized and optimized solutions to improve performance and overall user experience

📅 INTERNSHIP EXPERIENCE

MLOps Intern

Movate Technologies

10/2024 – 12/2024

- Developed an AI-based recommendation system on Amazon to identify and communicate product concerns



AWARDS & CERTIFICATIONS

Winner • MLH Global Hack Week Challenge

Twilio Quest Challenge
International Level

Runner-Up • CodeSTC National Web Development Contest

Highlight: Youngest participant at age 15 among graduates

2nd Runner-Up • Scinova Science Fest: State Level Coding Contest

Competitive coding

Honorary Mention • Spark Hub International ML Hackathon

Project: Heart Failure Prediction Software

Certifications

[Certifications Link](#)

- Enabled seamless feedback flow between customers and producers to improve product quality

AI Developer Intern

SplashData Software Pvt. Ltd.

06/2024 – 12/2024

- Developed a fine-tuned LLM for business automation to enhance product capabilities
- Built an API server for seamless integration of the AI solution

Embedded Systems Intern

Optimus Logic Pvt. Ltd.

02/2023 – 03/2023

- Gained hands-on experience in embedded systems at Optimus Logic Pvt. Ltd.
- Applied technical and problem-solving skills to real-world applications

ML Software Developer Intern

Additive Intech Solutions Pvt. Ltd.

12/2022 – 01/2023

- Contributed to the development of GenAI software using advanced machine learning techniques
- Designed innovative AI solutions to enhance system capabilities



EDUCATION

B.Tech (Artificial Intelligence Engineering)

Amrita Vishwa Vidyapeetham
2021 – 2025 | Kollam, Kerala
CGPA - 8.72

CBSE 12th - 94.6%

CBSE 10th - 95%



PROJECTS

MedReportGen AI | Role - AI Engine & Architecture

08/2024 – 12/2024

Building a medical report generator with Microsoft's Radino VLM and an LLM, converting clinical data into structured, precise reports.

Visionary Controls of Computer System | Role - AI Engine & Deployment

08/2023 – 12/2023

Gesture-based computer control system with voice-activated mode switching

Code2Graph (Prototype) | Role - AI Engine & Front-End

11/2023 – 12/2023

AI software for generating knowledge graphs for codes and automated generation of algorithms for a problem (efficient debugger for coders)

Lunar Lander using DQN | Role - DQN Network & Agent Building

04/2024 – 06/2024

AI software for an automated lunar lander probe.

SWC File Generation from MRI | Role - MRI Refining & Graph Generation

08/2023 – 02/2024

AI software for analysis of human brain vascular flow from MRIs.



LEADERSHIP

Lead @ SIG AI (AI Club) - ACM Student Chapter, Amritapuri

05/2023 – 05/2024

Lead of the AI club at ACM Student Chapter, Amritapuri

Core Advisory Council Member - ACM Student Chapter, Amritapuri

05/2024 – 08/2025

Providing guidance & overlooking the club proceedings



SOCIAL OUTREACH & VOLUNTEERING

ICPC '22 & '23 Asia West Regional Finals

Volunteering Head

52-year-old international coding contest conducted by ICPC Foundation

Vidyut '23 Executive Volunteer

National-level multi-fest conducted at Amrita Vishwa Vidyapeetham, Amritapuri



PERSONAL DETAILS

Extra Curriculars

Basketball (College Team) | Dance (College Dance Crew) | Drawing

Language Proficiency

- English & Hindi - Full Professional Proficiency
- Malayalam - Native Proficiency