Devansh Rathor

Mumbai, MH, India

Email: devanshrathor123@gmail.com | Mobile: +91-9757478350

Website: devanshr.tech | LinkedIn: linkedin.com/in/devanshr1123 | GitHub: github.com/devanshr1123

SUMMARY

Eager and data-driven, I am dedicated to excelling in Research and Development (R&D), particularly within the dynamic realm of Artificial Intelligence and Machine Learning (AI/ML). Proficient in several programming languages and technologies, I have a proven track record of translating complex ideas into practical AI/ML solutions, ready to contribute to innovative projects at the forefront of this field.

SKILLS

Languages	:	HTML, CSS, JavaScript, TypeScript, C/C++, Python, SQL, Java
Frameworks	:	React.js, Next.js, Express, Flask, Django
Databases	:	MongoDB, PostgreSQL, MySQL, SQLite
Dev Tools	:	Visual Studio Code, Git, GitHub, Figma
Other	:	Problem Solving, Analytical Skills, Research, Design

EXPERIENCE

Vice Chairperson Technical   Jan 2023 – Present
DJSCE ACM SIGAI Student Chapter   *Mumbai, MH, India*
- Overlook the AI/ML related activities of the student chapter

Frontend Developer   June 2023 – Aug 2023
Trikon Ecosystems   *Remote*
- Developed responsive UI for various services provided by Trikon using NextJs
- Developed a ERC 4337 Wallet, NFT Marketplace and a Game integration toolkit.

Co-Head InfoTech - Web   Sept 2022 – Sept 2023
DJSCE ACM Student Chapter   *Mumbai, MH, India*
- Designed and developed dynamic and responsive website for the chapter
- Worked with REST APIs to retrieve and display dynamic data from Django backend

EDUCATION

Dwarkadas J. Sanghvi College of Engineering   Mumbai, MH, India
B.Tech in Artificial Intelligence and Machine Learning   *Pursuing*

Indian Institute of Technology, Madras   Chennai, TN, India
BS in Data Science and Applications   *Pursuing*

PROJECTS

Landmark Image Classification and Tagging for Social Media   *Python, PyTorch, CNN*
- Classifies and tags 50 different landmarks with an accuracy of 87%
- Built from scratch using CNN and using Transfer Learning for comparison
- Model integrated into an app for classifying and tagging images of landmarks

Mathematical Modelling of Tourism   *Python, Google Places API*
- Research project during A-levels for Cambridge International Project Qualification (IPQ)
- Designed and developed a reinforcement learning model to simulate tourism in several cities worldwide.
- Uses several statistical techniques to ensure accuracy and validity of the model.

CERTIFICATIONS

- AWS ML Fundamentals Nanodegree – Udacity
- AI Programming in Python Nanodegree – Udacity
- Introduction to Language Models – NPTEL
- Optimisation: Theory and Algorithms - NPTEL
- Artificial Intelligence: Search Methods for Problem Solving - NPTEL
- Machine Learning to Deep Learning: A journey for remote sensing data classification -IIRS, ISRO