

CONTACT

- ✉ amanbarthwal0110@gmail.com
- 🌐 iABnOrma1
- 🌐 LinkedIn
- 📁 Portfolio
- 📞 7701964811
- 📍 Noida, India

EDUCATION

Amity - B.Tech. (Hons.) CSE (AI/ML), 2021 - Ongoing

CGPA: 7.53 (till 6th Semester)

Ramagya School - Class 12th (PCM & IP), 2020 - 21

Passed with 77.4%

SKILLS

Machine Learning	10
DevOps	10
Web Development	10
Data Science	08
Cyber Security	08
Graphic Design	06

ACHIEVEMENTS

Cyber Security & Risk (CRS) - WIPRO

Python for Data Science - NPTEL

The Joy Of Computing Using Python - NPTEL

Machine Learning with Python (With Honors) - Coursera

AWS Cloud Technical - Coursera

Foundations of User Experience (UX) Design - Coursera

MOS Championship (Office 2016) - Microsoft

National Science Exhibition (2018-19) - KVS

AMAN BARTH WAL

WORK EXPERIENCE

AI Research Intern

Sept. 2024 - Current

Zerzura Studios Private Limited

- Designed a text-to-SQL and graph generative model.
- Developed a Grammar Correction API for a language learning platform, supporting 50+ languages.
- Implemented a contextual tag generation model, boosting relevant tag predictions by 15%.

Pose Estimation

TTS

ASR

BART

OCR

Full-Stack AI Intern

June 2024 - Sept. 2024

HAWC R&D Private Limited

- Collaborated with 2 teams on 4 projects & feature improvements.
- Fixed 10+ bugs, enhancing the performance of live lecture platform.
- Developed an AI-Agent to answer student queries with 90% accuracy.

AdobeXD

WebRTC

JavaScript

Django

AWS

PUBLICATIONS

An Explainable Deep Learning Intrusion Detection In IoT Transportation Networks

June 2023 - Nov. 2023

DOI: 10.1109/icaiccit60255.2023.10466149

PROJECTS

Suraksha Path

Sept. 2024 - Current

github.com/iABnOrma1/Yolo-FireDetection

- A mobile app to assist impaired individuals during emergencies.
- Implementing features: obstacle detection, route optimization, and safety alerts.
- Using spatial intelligence to analyze the surroundings for easy and safe navigation.

Computer Vision

IoT

NLP

GPS

Cloud

FastAPI Steam Scraper

Aug. 2024 - Sept. 2024

epic-steam-deals.vercel.app

- Contributed to an OpenSource Python tool for scraping WebApps.
- Uploaded the resulting dataset to Kaggle, trended on the first week.
- Developed an API and a web application based on the scraped data.

BeautifulSoup

FastAPI

Pandas

CSS

SMTP