

ASHISH RATHORE

Indore, India

☎ +91-9801748696

✉ anandashish654@gmail.com

🌐 [Linkedin](#)

🐙 [Github](#)

🔗 [LeetCode](#)

EXPERIENCE

Intern at TechDome [↗](#)

Dec,24 - Ongoing

Role - SDE Intern

Indore

- Optimized **data comparison process** by developing a Python script to analyze **1M+ entries** in text files, reducing manual effort from **3 hours to under 5 minutes** with memory-efficient techniques.
- Built a real-time data pipeline using **Apache Flink** and **Kafka** to apply ML algorithms on streaming articles, improving data accessibility via **OpenSearch**.
- Revamped **WebSocket** system by migrating to **Socket.IO**, cutting reconnection failures from **80% to near-zero** and reducing redundant search costs through search state restoration.
- Recipient of **SPOT Award** for exceptional contributions in **cost reduction** and **critical performance improvements** of the project.

Intern at NicheBy [↗](#)

Nov - Dec 24

Role - AI/ML Intern

New Delhi

- Developed a **recommendation system** to rank job applicants based on job descriptions, **reducing HR workload**.
- Enhanced named entity recognition (NER) accuracy (**70%**) using resume structure analysis via computer vision, achieving more reliable information extraction.
- Built a classifier to **predict resume sections** using **layout-based features**, significantly improving the accuracy of skill and experience extraction.
- Streamlined the applicant ranking pipeline, leading to **improved matching precision** between candidate resumes and job requirements.

PROJECTS

Mobile-Reviewer [↗Live](#) | 🐙 | Python, Django, NLP, Text Summarization, SQL, Gen-AI

- Built a system to **extract and summarize** YouTube mobile reviews using LLM, generating pros and cons **from video captions**.
- Developed a Django web app with **JSON output support** for intuitive access to summarized reviews.
- Added features for **user authentication via JWT** and **SQL database** for storing user accounts and search history.
- Integrated YouTube and LLM APIs, demonstrating expertise in generative AI and software development.
- Delivered a **functional tool** addressing **real-world needs** for mobile review analysis.

GeoGuide [↗Live](#) | 🐙 | Python, PyTorch, Image Classification, Map Transformation

- Developed a **low-resolution image classifier** (25x25cm) using for a limited dataset using **transfer learning** for traversing an arena of a war-hit area using a ESP32-controlled bot.
- Utilized **threshold-based segmentation** to automate **image location identification** for model input.
- Improved live bot tracking on arena with **aruco markers** and integrated with QGIS by using **affine transformation** for mapping pixel-based location.
- Integrated **RTOS** to **utilize all the cores**, handling inputs and bot movements concurrently

EDUCATION

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

2021-2025

B.Tech - Computer Science and Engineering (IoT)

Indore, Madhya Pradesh

AWARDS & ACHIEVEMENTS

- Earned the **2nd position nationwide** in the finals of the **E-Yantra Robotics Competition** held at IIT Bombay.
- Acknowledged for **outstanding performance**, receiving a **monetary reward** from the college chairman.
- Achieved victory in the math quiz competition, earning a trophy.
- Solved more than **300 DSA questions** on different platforms.