

Ayush Agnihotri

<https://mrayush.in>

Currently Learning Go and Exploring Machine Learning

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EDUCATION

Pranveer Singh Institute of Technology (PSIT)

Kanpur, India

- *Bachelor of Technology in Computer Science ; CGPA: 7.22 (As on May, 2024)*
(Artificial Intelligence & Machine Learning)

Sep. 2021 – Present

EXPERIENCE

Sense Original

Kanpur, India

- *Backend Developer*

Jan 2024 - Present

- Developed RESTful APIs using Node.js for Android application, facilitating seamless communication between app and server.
- Optimized backend performance and scalability to ensure smooth operation under high traffic conditions.
- Designed, developed, and maintained backend systems for CRM portal using Django and Progress technologies.

Wyvate

Kanpur, India

- *Backend Developer Intern*

Sept 2023 - Dec 2023

- Designed and implemented a system for generating unique order IDs in a distributed environment, ensuring seamless transaction processing and preventing duplicates.
- Orchestrated secure two-factor authentication integration using 2Factor.in for admin login, enhancing data security and preventing unauthorized access.
- Implemented an efficient customer OTP service using Twilio for secure login and registration.

Sense Original

Kanpur, India

- *Backend Dev & DevOps Intern*

May 2023 - Aug 2023

- Conducted thorough testing and debugging for NFC integration, ensuring reliability and security.
- Developed and managed Python-based backend services, focusing on RESTful APIs and database optimization for improved data processing.
- Implemented CI/CD pipelines and managed cloud infrastructure for scalable services.

PROJECTS

- 🚗 **Drive Now** | *Django, NextJS, S3 Bucket, AWS EC2*

Dec 2023 – Feb 2024

🐙 *Github Url: Currently Not Open-Source*

🔗 *Demo Url: <https://drivenow.mrayush.in>*

- Drive Now is a fully-fledged drive storage solution offering users speed and reliability in storing their files securely. It provides a seamless experience for uploading, storing, and accessing files, ensuring efficient data management.

- 💧 **Dropr** | *NextJS, Python, GCP*

Jul 2023 – Aug 2023

🐙 *Github Url: Currently Not Open-Source*

🔗 *Demo Url: <https://dropr.tech>*

- Developed Dropr, utilizing Next.js on the front end and Python on the back end, providing a modern solution for temporary email needs.
- Enabled users to generate temporary email addresses for privacy protection and spam avoidance, leveraging Python's security measures.
- Integrated Next.js and Python for a user-friendly interface and quick email retrieval, offering a hassle-free and reliable temporary email solution.

- 🧠 **Akashic** | *ReactJS, MongoDB, Python, TensorFlow, Flask, Tailwind CSS, OpenCV*

Sep 2022 – Dec 2022

🐙 *Github Url: <https://github.com/AyushAgnihotri2025/Akashic>*

🔗 *Demo Url: <https://akashic.mrayush.me>*

- Akashic provides a Smart Facial Login system.
- Experimented with TensorFlow and OpenCV.
- Used minimal API calls, the bulk of the code was self-made logic and design

PROGRAMMING SKILLS

- **Programming Languages:** Python, Javascript, C++, C, Kotlin, GO, NodeJS
- **Libraries & Frameworks:** NextJS, ReactJS, Flask, Django
- **DataBase Language:** FireBase, MongoDB, MySQL, PostgreSQL

ACHIEVEMENTS

- **CTF Participation**

- **Pentathon 2024** - AIR 136

- **Coding Profiles**

- Codechef (**qwerty050703**) - Max Rating 2007 (4 star)
- LeetCode (**ayushagnihotri**) - Rating 1577 (Top 25.26% Worldwide)

- **Competitive Programming Participation**

- **Google Hashcode** - AIR 195 and Global Rank of 1024
- **Google Kickstart Round B 2022** - Global Rank of 2564
- **Google CodeJam 2022 Round 1B** - AIR 277 and Global Rank of 1778
- **IEEE Xtreme 16.0** - AIR 66 and Global Rank of 550