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 July, 2023)*   *Sep. 2021 – Present*
  (Artificial Intelligence & Machine Learning)

EXPERIENCE

- **Atishir**   Kanpur, India
  Founder & Dev   *Oct 2022 - Present*
  - Do client works and provide digital solutions.
  - 50+ Happy Customers.
- **Sense Original**   Kanpur, India
  Backend Dev & DevOps   *May 2023 - Aug 2023*
  - **NFC Integration**: Conducted extensive testing and debugging to ensure the reliability and security of NFC functionalities, resulting in a robust and error-free system.
  - **Backend Development**: Developed and maintained Python-based backend services with a focus on creating RESTful APIs, optimizing database queries, and implementing caching mechanisms to enhance data processing, storage, and retrieval, resulting in improved data accessibility and user interactions with significant performance enhancements.
  - **Application Development**: Led Android application development, emphasizing user-friendly interfaces through collaboration with UI/UX teams to ensure visually appealing, intuitive designs for a positive user experience.
  - **DevOps**: Optimized deployment processes by implementing CI/CD pipelines, while also overseeing cloud infrastructure and containerization to ensure scalable and highly available services.

PROJECTS

- >_ **Compile IT** | *NextJS, AWS S3, Python*   Jan 2023 – Present
  - *Github Url: Currently Not Open-Source*
  - *Demo Url: https://compileit.mrayush.me*
  - Compile IT leverages Next.js for the front end, Python for the compiler engine, and AWS S3 for secure storage, offering a powerful and versatile online code compilation platform.
  - Users can seamlessly compile and run code in various programming languages, thanks to the robust Python compiler engine, providing a reliable and efficient coding environment.
  - With AWS S3 integration, Compile IT ensures secure code storage and retrieval, enabling users to access their compiled code quickly and reliably, making it a go-to choice for developers and learners alike.

- 💧 **Dropr** | *NextJS, Python, GCP*   Jul 2023 – Aug 2023
  - *Github Url: Currently Not Open-Source*
  - *Demo Url: https://dropr.tech*
  - Dropr is powered by Next.js on the front end and Python on the back end, delivering a modern and efficient solution for temporary email needs.
  - Using Dropr, users can generate temporary email addresses to protect their privacy when signing up for online services or avoiding spam, all while benefiting from the security measures of Python.
  - The combination of Next.js and Python ensures a user-friendly interface with quick email retrieval, making Dropr 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

- 💬 **Squab** | *ReactJS, FireBase*   Jan 2022 - Apr 2022
  - *Github Url: Currently Not Open-Source*
  - *Demo Url: https://squab.mrayush.me*
  - Squab, a free chat app, leverages a modern technology stack, including React for the front-end, and Firebase Authentication for user login and security.
  - The app utilizes Firebase Realtime Database and Firestore to efficiently manage and store user-generated content, ensuring real-time updates and data synchronization.
  - With these technologies, Squab offers users a seamless and responsive chat experience, combining the power of React for the interface and Firebase for secure and efficient data handling.

PROGRAMMING SKILLS

- **Programming Languages:** Python, Javascript, C++, C, HTML, CSS, Kotlin, GO
- **Libraries & Frameworks:** NextJS, ReactJS, Flask, Django
- **DataBase Language:** FireBase, MongoDB, MySQL, PostgreSQL
- **Tools & Platforms:** VS Code, Github, Git
- **Development Platforms:** AWS, Heroku, Vercel

ACHIEVEMENTS

- **Among the top 2 highest rated coders in the college**
  - Codechef (**qwerty050703**) - Max Rating 2007 (4 star)
  - LeetCode (**ayushagnihotri**) - Rating 1577 (Top 25.26% Worldwide)
- **Google Hashcode**
  - Accomplished an **AIR 195** and a **Global Rank of 1024** by solving an engineering problem in **Google Hash Code 2022**.
- **Google Kickstart**
  - Accomplished Global rank of **2564** in **Google Kickstart Round B 2022**.
- **Google CodeJam**
  - Attained **AIR 277** and a **Global Rank of 1778** in **Google CodeJam 2022 Round 1B**.
- **IEEE Xtreme**
  - Accomplished an **AIR 66** and a **Global Rank of 550** in **IEEE Xtreme 16.0**.