

ASHUTOSH ASWAL

yellowhatpro3119@gmail.com ◇ [linkedin.com/ashutoshaswal](https://www.linkedin.com/in/ashutoshaswal) ◇ yellowhatpro.tech ◇ [GitHub](#) ◇ +91-8755495974

EDUCATION

Punjab Engineering College, India

2020 - 2024

Bachelor of Technology, Computer Science & Engineering

CGPA : 7.15

EXPERIENCE

Founding Software Engineer

June 2024 - Present

Wuri AI (YC W24)

Bengaluru, India

- Solely led the product's backend, which consists of AI pipelines for text, image, audio, and video generation, handling **3000+** daily video generation requests.
- Architected **RabbitMQ** to offload CPU-intensive **FFMPEG** tasks on a different consumer.
- Collaborated on the front-end side, integrating blogs, Discord auth, [Remotion](#) player, and other functionalities.
- Technologies used: FastAPI, Python, AWS, Firebase, Next.js, RabbitMQ, FFMPEG

Software Development Engineer - Intern

May 2024 - October 2024

Limurse *Remote*

- Owned the full-stack web app development, facilitating users to explore and complete quests and helping seamlessly onboard **20+** business partners in the Bengaluru region.
- Architected and implemented scalable back-end services using **FastAPI** and **PostgreSQL**, with containerized deployment on **GCP Cloud Run**.
- Technologies used: TypeScript, Next.js, Firebase, PostgreSQL, GCP, Docker, Terraform, Redis

Google Summer of Code Student Developer

May 2024 - October 2024

MetaBrainz Foundation

Remote

- Developed a robust **Rust**-based background service, [Melba](#), which automated data extraction from MusicBrainz **Postgres** database and archives the data through WayBack Machine API.
- Added **Prometheus** for metrics collection and **Grafana** to display metrics on a dashboard.
- Technologies used: Rust, SQLx, Tokio, PostgreSQL, Grafana, Prometheus, Docker, Sentry

Android Engineer Intern

November 2022 - January 2023

Atom EI

Remote

- Enhanced a highly-rated wellness application (**4.9 stars, 1M+ users**) focusing on goal achievement through gamification and mindfulness.
- Developed and deployed **data migration scripts using Cloud Functions**, redesigned the **Homescreen Widget**, integrated video playback functionality, and revamped UI for multiple screens.

Google Summer of Code Student Developer

May 2022 - September 2022

MetaBrainz Foundation

Remote

- Led the development of Brainzplayer, a crucial local media player for the MusicBrainz Android application.
- Engineered a modern UI using **Jetpack Compose**, implemented data persistence with **RoomDB**, and integrated **Content Resolver** for media access, **Exoplayer** for playback, and **Broadcast Receiver** for notifications.

PROJECTS

Study Adda Developed a full-stack collaboration platform enabling real-time discussion rooms for students and professionals. ([Github Link](#)) ([Live Project](#))

Codes-Practice Engineered a React-based programming portfolio showcasing solutions to **1000+ algorithmic problems**, competitive programming achievements, and extensive DSA implementations. ([Github Link](#)) ([Live Project](#))

Sampoorna Got selected, and initiated to code for an open-source women's safety Android application featuring emergency location sharing. The project has garnered **20+ stars & 40+ forks** on GitHub. ([Github Link](#))

SKILLS

Most used: Python, JavaScript, TypeScript, Kotlin, React, Next.js, FastAPI, Linux, Docker, AWS, RabbitMQ, Postgres, MongoDB, Firebase

Knows: Rust, C++, Java, Bash, Lua, Bitcoin protocol