

Dilpreet Singh Sahney

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portfolio: dilpreet1910.com [↗](#)
Github: [dilpreet1910](https://github.com/dilpreet1910) [↗](#)

EXPERIENCE

[Bharat Soft Solutions](#) [↗](#)

Sep 2024 - Nov 2024

Project based Intern

- Developed a self-hosted streaming platform using protocols like RTMP & HLS.
- Developed a system architecture that reduced infrastructure costs by many folds.
- Implemented AI driven summaries of live streams.
- Tech Stack: GoLang, FFmpeg, Next.js, Docker, Hetzner.

[Eathlia](#) [↗](#)

Nov 2024 - present

Freelance

- Developing PE4All, an educational app focused on physical education and fitness.
- Creating interactive modules to teach children personal fitness and test their sports knowledge.
- Assisting aspiring professionals with exam preparation for careers in physical education.
- Tech Stack: Flutter, Python, Flask, Elastic search, docker, GCP, Hetzner.

[IEEE SB VIT PUNE](#) [↗](#)

June 2023 - Dec 2023

Application Developer & Technical Instructor

- Contributed in designing, planing and developing the [official app](#). [↗](#)
- Streamlining promotion, registration of events leading to more than 100% increase in event participation.
- Boosting member engagement and providing valuable insights for future events and club operations.
- Conducted 10-12 hours of hands-on sessions for B.Tech students on Flutter with Firebase, CI/CD pipelines using GitHub workflows, and Git version control.

EDUCATION

B.Tech in Artificial Intelligence and Data Science

June 2022 - present

Vishwakarma Institute of Technology - 8.66 CGPA

PROJECTS

[Intelligent Autozoom](#) [↗](#)

A camera application that autozooms to objects detected

- Developed a proof of concept for an intelligent auto-zoom feature for mobile devices, targeting real-life applications like camera apps and video calls.
- Technologies used: TensorFlow Lite, Flutter SDK, Android SDK.

[Coding Stats](#) [↗](#)

A user interaction driven portfolio site with my coding stats

- Developed a cron job that pulls my coding stats and visualizes it on the site.
- Integrated features include an ama section, tools I use, and a curated bookmark collection.
- And a place to showcase my projects.
- Technologies used: GoLang, CRON jobs, Docker, TypeScript, Next.js

SKILLS

Golang, Python, TypeScript, Java, Flask, REST API, Flutter, Next.js, React, Docker, Github workflow, Kubernetes, GCP, Firebase, Hetzner, PostgreSQL, CRON, Swagger, etc.

LOVE TO TALK ABOUT

- Open source, self hosting, Linux (dot files [here](#)) [↗](#)
- Networking, Cloud Computing, System Design and architecture.
- Automating workflows, DevOps, AI&ML, Reverse Engineering.