

Kanishk Pachauri

Python • TypeScript • Go

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EXPERIENCE

Samagra • Remote

Internship • Python Developer

Jan' 24 – Jun' 24

- Designed and built a robust service for checking and correcting spelling errors, enhancing text accuracy and user experience.
- Led the design and development of the foundational architecture for machine learning services, ensuring scalability and performance.
- Conducted performance tuning and optimization of the ML services, resulting in improved efficiency and reduced latency in spell-checking and text processing.

Google INC. • London, UK

Internship • Python Engineer

July' 23 – Nov' 23

- Work with Google Cloud Platform (GCP) services and API team to integrate them into Google Bard workspace integration.
- Write unit tests for a submodule of Google Bard workspace integration module.
- Set up monitoring and logging in a submodule of the Google Bard workspace integration module to proactively identify and address issues in production environments.
- Rewrite a portion of the Google Bard workspace integration API, add static type checking with mypy and write unit tests for it.

EasyEdu • Gurgaon, IN

Internship • Full Stack Developer

Jun' 21 – Feb' 22

- Launched an **AI-powered** exams-taking system and grading system for kids.
- Developed a backend service that **automates** the grading system in K-12 schools in the United States which helps the Institute to better **analyze** the student learning patterns and their strengths and weaknesses.
- Developed an **Internal container pipeline** which helps other developers to set up the project easily on their system and set up gitpod configurations for running the projects on gitpod. Which helps Developers to **save 10x time** on Project Setup.

EDUCATION

B.Tech • Computer Science and Engineering

KIET Group of Institutions – AKTU • Delhi NCR

2021 – 2025

PROJECTS

pep8speaks • Bot to review Python code style over Pull Requests

- A GitHub app to automatically review Python code style over Pull Requests.
- A single comment on Pull Requests. No hustle on emails for new commits.
- Customize with additional pycodestyle/flake8 options
- Used by 500+ companies + opensource org
- **Tech Stack:** Python, Flask, GitHub-app-API.

Robyn • A Web Framework with a Rust runtime and Python.

- A High-Performance, Community-Driven, and innovative Friendly Web Framework with a Rust runtime.
- An async web server with the runtime written in Rust.
- Community First and truly FOSS!
- **Tech Stack:** Rust, Python, Actix

paste.py • A FLOSS pastebin written in python.

- Allows users to securely share code snippets or text, with options for syntax highlighting, expiration times, and privacy settings.
- Ideal for developers to share and collaborate and can be self-hosted.
- **Tech Stack:** Python

SKILLS

Languages

Python, Javascript, Typescript, C, Shell Script, Go

Frameworks / Libraries

Gin, Nextjs, React, Flask, Tailwind CSS, Node.js, FastAPI

Tools

Postman, Git, Github, Gitlab, Docker, Kubernetes, Ansible, Jenkins, Linux, Terraform

Databases

PSQL, MongoDB, Firebase, Redis

VOLUNTEER EXPERIENCE

Backend Mentor

DSC KIET • Ghaziabad

- Conducted tech events and talks for the student tech community.
- Mentored a team of 20+ developers in the Backend technologies.
- Conducted a weeklong Python Bootcamp with 200+ attendees.

Community Manager

FOSSCU • New Delhi

- Conducted tech events and talks for the student tech community.
- Manage the weekly meetups and help in conducting them.
- Mentor Students to get started contributing to open source.

ACHIEVEMENTS

Technical Talk

Pycon France

- Delivered a Talk in Pycon France on – **From Python Project to Open-Source Project.**

FOSS United Delhi

- **Participated in a panel** discussion on getting started with Open-Source

Pycon Sweden

- Delivering a Talk in Pycon France on – **Robyn: An async Python web framework with a Rust runtime**