

# 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

### bitssh • A Python Script for Autotype on Websites.

- A New and Modern SSH connector written in Python.
- Terminal user interface for SSH. It uses ~/.ssh/config to list and connect to hosts.
- Helps in initializing and adding servers in ~/.ssh/config.
- **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**