Kanishk **Pachauri**

Python • JavaScript • Rust

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EXPERIENCE

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.

Google Summer of Code • Remote

Internship • Python Developer   Jun' 22 - Nov' 22

• Developed several features and modules that enable Hindi Date and Time support in the **DateParser module**.
• Developed a feature for the **support of fortnight and century** and also added Hindi support for the following language feature.
• Proposed new **clean architecture and docs improvement** for the Python codebase that significantly reduced boilerplate and code complexity.

Quizizz • 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, Rust

Frameworks / Libraries
Actix, 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**