

Samarth Patil

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EXPERIENCE

- **Backend Engineer, at Certa.ai**

Dec 2023 - Present

- Building an AI based workflow migration tool that transforms legacy business rules into modern event-driven architecture.
- Built Gen AI solutions in goLang to help vendor/supplier onboarding, enabling automatic form-filling with RAG and achieving 85% accuracy.
- Designed and implemented an AI-driven system to create complex workflows from natural language inputs.
- Wrote a reusable Retrieval-Augmented Generation (RAG) package utilized across AI services at Certa.

Tech Stack : Django, Golang, Celery, GenAI, Python

- **Software Engineer, at Veritas Technologies**

Aug 2021 to Nov 2023

- Built an IP management tool for infra provisioning pipeline.
- Wrote a client side caching library for angular.
- Worked on optimizing the database of the multi-cloud cost analysis portal, to reduce the response time from minutes to few seconds.
- Wrote an automation tool for coverity defect filing to JIRA.

Tech Stack : Ansible, Python, Django, Angular

- **App Development Intern, at Ardouro Technologies.**

May 2020 - Jul 2020

- Contributed to variety of features, like client side video/image compression, client side cache, analytics etc.
- Worked on optimizing the application memory consumption in the infinite scroll feed of the home page.

Tech Stack : React Native, Redux

PROJECTS

- **Sam's World**

- Personal Portfolio Website build with React.
- The site supports markdown enabled blogging.

Tech Stack : React

- **Online Code Editor**

- An online tool to write your codes and excute them.
- Supports creation of sharable link and embedding of editor.

- Supports C++, C, Python

Tech Stack : React, Node, MongoDB, Docker

- **Maze Creator & Solver**

- A simple webpage that generates 2D maze using back-tracking algorithm and also solves the maze highlighting the path.

Tech Stack : React

SKILLS

- **LANGUAGES**

Python | Golang | Typescript | C/C++

- **FRAMEWORKS**

React | Angular | Django | React Native

- **DATABASE**

PostgreSQL | MongoDB

- **TOOLS & TECHNOLOGIES**

Git | Neovim | Docker | Ansible | Kubernetes | GenAI | LLMs

EDUCATION

- **B.Tech Computer Engineering, GPA: 9.5**

VIIT, Pune

2021

- **10th Standard, 97% agg.**

Islampur High-School, Islampur

2015

Links



Github



LinkedIn



Leetcode