

SOHAM PAREKH

Software Developer

TECHNICAL SKILLS

LANGUAGES

Python, C, C++, Bash

TECHNOLOGIES

FastAPI, Selenium, Git, SQL

CONCEPTS

DSA, OOP, Networking, DBMS

CERTIFICATIONS

Google IT Automation with Python
Coursera

Python
HackerRank

Problem Solving
HackerRank

CONTACT DETAILS

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WORK EXPERIENCE

SYSTEMS ENGINEERING INTERN

D.E. Shaw India Private Limited, May 2021 - July 2021

Created a language agnostic project scaffolding tool and worked with technologies like **FastAPI**, **NGINX**, **Web servers**, **Copier**, **Jenkins**, **Prometheus**, etc.

Reduced project start-up time from **hours** to a **few seconds**.

FREELANCE SOFTWARE DEVELOPER

Freelancer, January 2020 - Present day

Completed **15+** projects on Freelancer. Rated **5 stars** by all clients from several countries across the globe. Completed projects include automation scripts, web scrapers, DSA and Networking tutoring, etc.

ACADEMIC HISTORY

COLLEGE OF ENGINEERING PUNE

Bachelor of Technology in Computer Engineering, 2018-2022

Current CGPA **8.39**

Member of Chess, Quiz Clubs

INDIAN SCHOOL AL WADI AL KABIR

High School (CBSE), 2016-2018

Graduated with **93.6%**

Member of Chess (National), Debate Team

PROJECTS

MULTITHREADING LIBRARY

Created a **multithreading library in C** and implemented one-one and many-one threads. Added support for mutexes and spinlocks.

TORRENT CLIENT

Created a **CLI Bittorrent client** for peer-to-peer sharing of files written in **Python** using multithreading.

CHESS ENGINE

Created an intermediate level chess engine written in **C**, with **GUI using Xlib**. Implemented a unique algorithm similar to minmax with depth 5.

DECEPTION

Created a multiplayer game in **Python** with a **Flask** backend and GUI using **Tkinter**. Used the **Twilio API** to communicate over WhatsApp.

AFFILIATIONS

PRESIDENT, CSI COEP STUDENT CHAPTER

Directly managed the day-to-day operations of the largest technical chapter at COEP having over **350** members.

LOCAL GUIDE, GOOGLE MAPS

Level 7 Local Guide and Contributor with over **1.9 million** views on **2000+** contributions.

INSTRUCTOR, OMAN CODING SOCIETY

Conducted **Python** classes for free for students of all ages.