

# SOHAM PAREKH

Software Developer

## TECHNICAL SKILLS

### LANGUAGES

Python, C, C++, Bash

### TECHNOLOGIES

FastAPI, Selenium, Git, SQL

### CONCEPTS

DSA, OOP, Networking, OS, DBMS

## CERTIFICATIONS

Google IT Automation with Python  
Coursera

Python  
HackerRank

Problem Solving  
HackerRank

## CONTACT DETAILS

+91 7600836999  
soham.parekh2010@gmail.com  
Pune, Maharashtra, India



## WORK EXPERIENCE

### SYSTEMS ENGINEERING INTERN

D.E. Shaw India, 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 **50+** projects on Freelancer.
- Rated **5 stars** by all clients from several countries across the globe.
- Projects include automation scripts, scrapers, web-apps, etc.

## ACADEMIC HISTORY

### COLLEGE OF ENGINEERING PUNE

B.Tech in Computer Engineering, 2018-2022

- Current CGPA **8.55**
- Member of Chess, Quiz Clubs

### INDIAN SCHOOL AL WADI AL KABIR

High School (CBSE), 2016-2018

- Graduated with **93.6%**
- Member of Chess (National), Quiz and Debate Teams

## 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.