Sagar Abhyankar

in Sagar Abhyankar | ⊙ SagarA | ✉ sagarabhyankar18@gmail.com | ▪ +91 9850136815

Education

Pune Institute of Computer Technology Cum. GPA: **9.45**
Bachelor of Engineering - Computer Engineering July 2020 - June 2024

Work Experience

Mastercard Pune, Maharashtra, India
Cyber Security Intern (SOC) May 2023 - Jul 2023

- Developing a Scalable Rapid Incident Response System
- Building a tool arsenal for analyzing extracted Artefacts
- Explored diverse threat hunting domains

Bajaj Finserv Pune, Maharashtra, India
SDE Intern March 2023 - May 2023

- Created a Cryptocurrency eco-system called Bajaj Coin
- Built a private blockchain using go-ethereum on multiple server nodes
- Designed a robust compliance database to meet stringent data requirements and industry regulations

PyBots LLC Bengaluru, Karnataka, India
SDE Intern Feb 2022 - Jan 2023

- Built the entire flagship desktop application using Flutter used by 100's of customers.
- Developing RPA technologies for nextgen healthcare (client)
- Writing unit tests and providing proper documentation for every feature implemented
- Codebase migration from Flutter to Electron for better performance

Technical Skills

Programming Languages: C++, Python, Java, C/Embedded C, Javascript, Dart, Rust, SQL, Assembly
Technical : Data Structures and Algorithms, Object Oriented Programming, Problem Solving
Technologies: Docker, Kubernetes, .NET, Linux, Flutter, Electron, Next.js, Node.js, Amazon Web Services, MongoDB, MySQL, DynamoDB,PostgreSQL, Firebase, Django and more

Projects
⊙ link for latest/ongoing (2023) projects

Smart India Hackathon 2022 | Runner's Up | ⊙ link Jul 2022 - August 2022
- Served as the team's technical head, The problem statement was concerned with implementing a scalable smart document capture platform. (Problem Statement : PK832)
- Developed server-less architecture using AWS lambda and AWS API gateway to upload the images capable of handling around 10,000+ requests per second.
- Built a fully functional mobile application using flutter for capturing document images, editing them and uploading them.Also implemented a light weight image quality enhancer which runs on the server using canny edge detection with added customization

Fire Classifier | ⊙ link Mar 2023 - May 2023
- Research Project : Built and tested different Hybrid Neural Networks for classifying images containing fires as controlled or uncontrolled fires with improved accuracy.

Beluga Interpreter | ⊙ link Jan 2023 - Feb 2023
- Designed an esoteric language based on turing machines
- Written in pure C++

PDF Parser Tool | ⊙ link Jul 2022 - Sep 2022
- Built a parser for automating the job of reading marks from ledger PDF and output the data in proper format in excel sheets.

Discord Bot | ⊙ link Jul 2021 - Nov 2021
- A discord bot implemented in python using Discord API providing variety of features. Used in 10+ servers.
- Tech Stack : mongoDB, Python, Heroku