

SAGAR ABHYANKAR

 Sagar Abhyankar |  Portfolio |  SagarA |  sagarabhyankar18@gmail.com |  +91 9850136815

EDUCATION

Pune Institute of Computer Technology
Bachelor of Engineering - Computer Engineering

Cum. GPA: 9.45
July 2020 - June 2024

WORK EXPERIENCE

Newton's Apple
SDE Intern

Pune, Maharashtra, India
Aug 2023 - Present

- Developing the flagship line-up of all-in-one security products and services.

Reverie Language Technologies
AI Researcher

Bengaluru, Karnataka, India
Aug 2023 - Present

- Developing real time state-of-the-art noise cancellation software using deep learning.

Mastercard
Cyber Security Intern (SOC)

Pune, Maharashtra, India
May 2023 - Jul 2023

- Developed a Scalable Rapid Incident Response System reducing the response time from days to minutes.
- Built an automated tool arsenal for analyzing Forensic Artefacts, saving SOCIR dept. 2000+ hours yearly
- Explored diverse cyber threat hunting domains

Bajaj Finserv
SDE Intern

Pune, Maharashtra, India
March 2023 - May 2023

- Created a Cryptocurrency eco-system called Bajaj Coin using on premise linux nodes.
- Setup private blockchain network using go-ethereum, along with a compliance backup database.

PyBots LLC
SDE Intern

Bengaluru, Karnataka, India
Feb 2022 - Jan 2023

- Built the entire feature-rich flagship desktop application used by 100's of customers.
- Developed comprehensive unit tests and documentation for the sizable and intricate application.
- Developed RPA technologies for nextgen healthcare (client)
- Additionally, an Electron-based version of the app, originally implemented in Flutter, was also developed

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, Git, Flutter, Electron, Next.js, Node.js,
Amazon Web Services, MongoDB, MySQL, DynamoDB, PostgreSQL, Firebase, Django and more

PROJECTS

Smart India Hackathon 2022 | Runner's Up |  link

Jul 2022 - August 2022

- Served as the team's technical head, developed server-less architecture using AWS lambda and AWS API gateway to upload the images capable of handling around 10,000+ requests per minute.
- Built a fully functional mobile application using flutter for image uploading life cycle and light weight image quality enhancer on the server which runs on canny edge detection with added customization.

Rusty Vault |  link

Jul 2023 - Present

- A highly secure, simple to use and performant local password manager desktop app written using Rust

Research on Hybrid Neural Networks |  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++

Discord Bot |  link

Jul 2021 - Nov 2021

- A discord bot implemented in python using Discord API providing variety of features. Used in 10+ servers.