Shikhin Dahikar

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EXPERIENCE

Associate software engineer August 2021 - Present
Metron Security, Pune
- Worked on developing cyber security integration solutions on SIEM and SOAR platforms and endpoint detection response apps for various industry leading companies in cyber security.

Freelance software engineer June 2020 - Sept. 2020
Worked freelance to build a bot for the reddit community r/RedditCoinGrading

Key Accomplishments:
- Learnt to use Reddit API and information retrieval from reddit comments and titles.
- Learnt communicating with the client abroad, on how the bot should work and what parameters to consider for best results.

Software engineer intern July 2020 - Aug. 2020
The Art Project(TAP)
- Worked on extracting information from Ticketmaster website, using REST API to automate the process of manually looking up and filling information, which can be human error prone.

PROJECTS

Some of my favourite among various projects on my GitHub
- ASCII art - Used Python with image processing library PIL and NumPy to make a program for creating ASCII art of any normal JPEG image.
- CLPEKS - Used C++ to program a solution to the cryptography problem, Certificateless Public Key Encryption using keyword search.
- CHIP 8 emulator - Created an emulator in C++ of the CHIP-8 virtual machine using the knowledge of computer architecture to run games of that device in a computer emulator.

EDUCATION

Visvesvaraya National Institute of Technology(NIT Nagpur) | Bachelor of Technology in Computer Science and Engineering 2017 - 2021

Member, Octaves music club; *Organizer*, Aarohi and Junior Scientist college events

SKILLS

Python |C/C++ |SIEM environments | SOAR environments | SQL | REST | Django | Linux, Windows environment | STL | GMP, PBC cryptographic libraries | Git |HTML, CSS, JavaScript