

Anisha Ghosh



ghoshanisha2002@gmail.com • 6290624711 •

<https://www.linkedin.com/in/anisha-ghosh-189ab4229> • <https://github.com/Anisha100>

Education

VIT-AP UNIVERSITY

B. Tech in Computer Science and Engineering

Amaravati, Andhra Pradesh

2020 - 2024

DPS Ruby Park

CBSE: 94% Agregate

Kolkata, West Bengal

Skills & Interests

Technical: Java, JavaScript, React JS, Flask, Apache, Rest API, Nginx, , OOPs, Git, C Language, Python, Linux, Arduino, IoT, Azure, SQL, FIDO2 Specifications

Interests: Full Stack Development, Open Source, Internet of Things, Password less Authentication

Projects, Hackathons and Competitions

Microsoft Imagine Cup, 2022

Reverse Proxy

- Seamless student attendance platform, eliminating malpractices like Proxy attendance.
- Leveraged public key cryptosystem (RSA) and device attestation with FIDO2 Specifications to ensure the same.
- Related Skills: Azure, Mod-wsgi, REST API, HTML, CSS, JS, Nginx, Python backend, FIDO2 Specifications, flask

IONathon top 10, 2022

Payments

- Novel and robust payments mobile application enabling password less secure transactions
- Developed a fast and efficient payments app on serverless platform
- Related Skills: Flutter, flask, Apache, REST API Python backend, MySQL, Azure

Medical Record

- Smart Card for Medical record maintenance and Temporary Token Authentication for in house hospital patients
- Used NFC and FIDO2 based password less authentication to ensure prevention of security issues
- Related Skills: Python backend, Apache JS, React, CSS, Cryptography, Flask, Web-NFC API

Loki

- A novel and robust physical lock for safekeeping of physical assets called Loki.
- A Physical Security key is used to authenticate the lock using cloud architecture running on a Linux based Internetof Things (IoT) microcontroller
- Related Skills: Shell Scripting, Cloud Computing, MySQL, Cryptography, Fido2, Azure

Honors and Awards

- Microsoft Imagine Cup, 2022. India Runner up
- Top 10 finalists in IONathon, 2022 organized by ION
- Scholar Badge awardee in class 12th Delhi Public School

