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Goutham R



PROFESSIONAL SUMMARY

- Strong foundation in Data Structures and Algorithms
- Keen interest towards Network Security/ Cyber Security
- Building security tools and solving CTF challenges is fun
- Skilled in C++, Python and Linux

EDUCATION

Bangalore, Karnataka B.Tech in Computer Science and Engineering	PES University	2017 – 2021 CGPA: 8.8
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WORK EXPERIENCE

Intern at Fluxgen Engineering Technologies (July 2020 - September 2020)

- Worked as a backend developer on a Notification system design project.
- Was able to cut down the dependency of the company on Amazon's Simple Notification Service.

PROJECTS

- **Rideshare REST API :**
 - A scalable and highly available(fault tolerant) REST application built on the *AWS cloud* using latest technologies like *Flask*, *MongoDB*, *Docker*, *RabbitMQ* and *Zookeeper* with two microservices which communicate with each other to manage users and rides created or joined by users.
 - <https://github.com/G0uth4m/RideShare-with-DBaaS>
- **Restaurant Management System :**
 - A web application built using *PostgreSQL* and *PHP* for managing the workflow of a restaurant.
 - <https://github.com/G0uth4m/Restaurant-Management-php-postgresql>
- **Classification of stellar objects :**
 - Built a *random forest* classifier from scratch which could predict with 91% accuracy and a decent precision.
 - <https://github.com/G0uth4m/Random-Forest-Classifer>
- **Miwok - Kannada Learning app :**
 - A minimal application to learn common *kannada* words and phrases with voice assistance.
 - <https://github.com/G0uth4m/Miwok-Udacity-Android-Nanodegree>
- **SSH Botnet :**
 - A python tool built to help network administrators to control SSH servers on the network and simplify mass administration.
 - <https://github.com/G0uth4m/SSH-botnet>
- **XSSploit :**
 - A python tool for automating detection of *XSS vulnerabilities* in a website and finding appropriate exploits.
 - <https://github.com/G0uth4m/XSSploit>

SKILLS

C/C++, Python, PHP, SQL
DBMS(PostgreSQL, MongoDB), OOPS, Docker, Redis, AWS, Network Security, Linux, Web Development