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Pandranki Shanmukha Rao

SUMMARY

I'm passionate about continuously learning in the IT field and supporting people to solve their technical problems.

SKILLS

Languages
- C, C++, Java, Python

Database System
- MySQL

Operating System
- Windows, Ubuntu, Kali Linux

Ongoing add-on courses
- CCNA

Additional Skills
- Networking, Troubleshooting, AWS EC2, Git & Github, Ethical Hacking, Flask, App Development, Bootstrap, Unity3D, Figma, Illustrator

CERTIFICATIONS

- **CCNA : Introduction to Networks** – Cisco
- **AWS Academy Graduate - AWS Academy Cloud Foundation** - AWS
- **Google IT Support Professional Certificate** – Coursera
- **Google IT Automation with Python Certificate** – Coursera

EDUCATION

BTech 2018 – 2022
Vignan's Institute of Information Technology
- Percentage – 76.08%

Intermediate 2016 - 2018
Sri Chaitanya Junior College
- Percentage – 95.10%

SSC
Narayana e-techno school 2016
- Percentage – 93%

EXPERIENCE

Intern – Cyber Security 2020
Techionary Info
- Developed a new way of graphical password authentication system which would prevent the effect of shoulder surfing.

Volunteer - Developer Student Club (VIIT) 2020 - 2021
UI/UX Designer
- Conducted workshops on various trending technologies – Git & Github, Flutter, UI/UX, etc.

PROJECTS

Asset Discovery Tool
- Scanned local & remote locations (using SSH tunnels) & maintained a database of last seen status, with IP & MAC addresses, hostname, operating system on Web – flask.

Graphical Password to avoid Shoulder Surfing Attacks
- Authenticated & authorized graphical password system which would prevent the shoulder surfing attacks on websites – flask .

Virtual Mouse Controller AI
- Controlled mouse & resolved smooth movements virtually infront of camera by finger gestures – opencv, mediapipe.

License Plate Recognition Using Tensorflow
- Trained a dataset by tensorflow model & detected the License Plate on vehicles with >95% accuracy – tensorflow.