Aitham Sri Muslamani Pravath

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# Skills

* **Languages**: C++, Java, bash scripting, Python
* **Frameworks**: HTML and CSS.
* **Tools/Platforms**: Nmap, Wireshark, BurpSuite, Metasploit, Social Engineering Toolkit, Netcat and FTK imager.
* **Soft Skills**: Communication skills, Teamwork, Leadership, Problem solving, Time management and Adaptability

# Internship

* Red Hat System Administration June – Aug 2024

### Summer Internship

**About**: Took training in red hat system administration by Lovely Professional University as part of my summer internship.

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* + **Tech stacks used**: Red Hat Enterprise Linux
* Pixel QuestNovember 2022 – March 2023

### Industrial Trainee

**About**: Worked as an industrial trainee in pixel quest company on python and IoT and completed a fully automated home.

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* + **Tech stacks used**: Python, Arduinos IDE, IoT sensors.

Projects

* **Cybersecurity** home lab May 2025

Built a beginner-friendly cybersecurity home

Created a lab for beginners like me to learn ethical hacking, penetration testing, and cybersecurity in a

Safe environment

**Tech:** VirtualBox, Kali Linux, Metasploitable 2 and Windows 11.

#### Smart Home Using IoT November 2022 – March 2023

Took training in IoT using Python for 5 months and used the skills that I learned to make a

fully automated home using IoT with Python. We automated the home from automated plants

watering to automatic lights and doors using different type of IoT sensors.

**Tech**: Different IoT sensors like Arduino Uno, Soil Sensor, LDR, Proximity sensor, Python.

#### Spam detection in Twitter: September – November 2022

Created a social media website inspired from twitter using HTML, JS and CSS.

Used Apache Tomcat to run it on the server.

Used some pre-defined words to ban the user posts which are abusive.

**Tech**: HTML, CSS, JavaScript, Apache Tomcat.

# Certificates

## Red Hat System Administration by LPU July 2024

* Cloud Computing by NPTEL December 2024
* Generative AI by Coursera March 2024
* Design and Analysis of Algorithms by Coursera March 2024

# Achievements

#### [Level 7 in TryHackMe platform](https://tryhackme.com/p/captain.milo007)

#### #972 Global Rank in Try Hack Me February 2025

#### Second Runner up in film making competition

Won 3rd price in film making competition in spectra March 2024

**Winner of Photography competition**

Won the photography competition 1st prize in mini spectra October 2024

# Education

**Lovely Professional University** Punjab, India

### Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.30** Since August 2023

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**Bomma Institute of technology and sciences** Khammam, Telangana

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### Diploma (Computer Science and Engineering); **CGPA: 8.63** July 2020 - March 2023

**Bharath Techno School** Madhira, Telangana

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### Secondary School Certificate **CGPA: 10.0** April 2019 - March 2020