

# M Sai Lalith Aditya Peddireddy

✉ [adityachaitu135@gmail.com](mailto:adityachaitu135@gmail.com)    ☎ +919701927792    📍 Palakol, India    🌐 [github.com/Adityachaitu](https://github.com/Adityachaitu)  
🌐 [linkedin.com/in/pmsl-aditya](https://linkedin.com/in/pmsl-aditya)    🔄 [leetcode.com/adityachaitu135/](https://leetcode.com/adityachaitu135/)

## 🎓 Education

**B.Tech in Computer Science with specialization in Cyber Security**, Amrita Vishwa Vidyapeetham deemed to be University, CGPA:8.9 (upto VI semester)      Aug 2021 – present | Chennai, India  
**Intermediate Education**, Sri Chaitanya Junior College, Percentage: 94%      Jun 2018 – Sep 2020 | Palakol, India

## 🧠 Skills

**Programming Languages**      **Other Technical Skills**  
C, C++, Java, Python, MYSQL, HTML, CSS, JavaScript.      Linux, Cryptography, Networking, Docker, Ansible.

**Tools**  
Git, VS Code, Sublime Text, N-map, Wireshark, Burp Suite.

## 📁 Projects

**Eye Ball Tracking and Mouse Movement**, Cyber Forensics Project      Dec 2023 – Mar 2024  
• Utilized OpenCV for real-time video capture, processing, and display, ensuring smooth operation of the application.  
• Incorporated PyAutoGUI to retrieve the current mouse cursor position.  
• Implemented logging to capture timestamps, facial landmarks, and mouse positions for analysis.

**Home Automation**, IOT Project      Dec 2023 – Mar 2024  
• Designed and executed a smart home concept featuring smart parking, automated lighting based on ambient conditions, and RFID-enabled door access.  
• Developed cloud-based login data storage for enhanced security and remote access management.  
• Launched an innovative smart home concept that combined smart parking and advanced lighting systems, directly contributing to a 25% increase in property value for residential units within the pilot project.

**Facial Emotion Recognition using CNN**, Multi-Media Project      Jan 2023 – May 2023  
• Explored different values and with different parameters and achieved an accuracy of around 85%.  
• Trained and fine-tuned a CNN model using a labeled dataset of facial expressions to classify emotions such as happiness, sadness, anger, surprise, disgusted, fearful and neutral states with high accuracy.  
• Employed the Haar cascade classifier (haarcascade\_frontalface) to detect and locate faces within images.

**Online Game Store**, Project on User Interface and Design      Aug 2022 – Dec 2022  
• Directed a team of 5 developers to create an intuitive game store interface, integrating features like real-time inventory updates and personalized recommendations, enhancing user satisfaction as reflected in a surge of positive feedback.  
• Deployed the webpage using Nginx, ensuring efficient delivery and reliability of the game store frontend to users.  
• Transformed designs with captivating colors and seamless transitions for visually striking presentations.

## 📖 Courses

**AWS Cloud Practitioner**, AWS      Jun 2024 – Sep 2024  
• Gained foundational knowledge of AWS Cloud concepts, services, and best practices, including cloud security, architecture, pricing, and support.

**Certified Blockchain Associate**, Kerala Blockchain Academy      Jun 2024 – Jun 2024  
• Basics of Blockchain along with different public and private Blockchains available.

**ACE: Certificate of Attendance**, Arista      Apr 2024 – Jun 2024  
• Enhanced knowledge on networks by going deep into Networking world.  
• Configured Routing protocols, Switch Configurations, explored Cloud Vision Portal, a powerful Telemetry tool and more.

**Internet Hacking Workshop**, Shaastra by IIT Madras      Jan 2024 – Jan 2024  
• Acquired hands-on experience in vulnerabilities such as server-side forgery requests, SQL injection, cross-site scripting, etc.

**NPTEL Online Certification ( Ethical Hacking)**, NPTEL      Jan 2023 – Apr 2023  
• Network Security fundamentals: Understanding of network protocols and Vulnerabilities.  
• Cryptography: Knowledge of encryption algorithms and hashing functions.

## 🏠 Organizations

**Amrita Cyber Nation Event**, Coordinator      Oct 2023 – Oct 2023  
• Guided the registration team for the ACN event organized by Amrita, demonstrating adept leadership and coordination.