



ALLEN THOMAS JOHN



+91 9995730350



alenthomj@gmail.com



Kollam, Kerala, 690524

CAREER OBJECTIVE

I am a dedicated third-year Computer Science Engineering student with a strong passion for cybersecurity, ethical hacking, and AI-driven solutions. I actively practice penetration testing and cybersecurity challenges on TryHackMe, enhancing my skills in network security, exploit development, and digital forensics. I am currently working on a deep learning-based cardiovascular disease detection model, exploring AI applications in healthcare. Additionally, I have experience in mobile and web app development, with projects like an eco-friendly tourism app. I am eager to expand my expertise and apply my technical knowledge in a professional setting.

ADDITIONAL COURSES

- Google AI Essentials – Google
- Ethical Hacking – NPTEL (IIT Kharagpur)
- Django Web Development (Add-on Course)
- Artificial Intelligence (Ongoing) – LinkedIn Learning
- Cryptographic Algorithms (Ongoing) – NPTEL

ACHIEVEMENTS AND AWARDS

- Attended state-level Little Kites camp
- Reached district-level for web designing in shastrolsavam

EDUCATION

• **2022-**

Kakkanad, Ernakulam

RAJAGIRI SCHOOL OF ENGINEERING AND TECHNOLOGY

- Computer Science Engineering

• **2020-2022**

Patharam, Kollam

SMHSS PATHARAM

- Higher Secondary School

• **2019-2020**

Panmana, Kollam

SBVS GHSS PANMANA MANAYIL

- 10th standard

COMPUTER KNOWLEDGE

- C programming
- Java
- HTML
- Flask
- PHP
- DSA
- Python
- Kali linux Penetration tools
- Keras
- Tensorflow
- OS: Windows, Linux

PROJECTS

- **Job Recruitment Portal**
 - Developed a job recruitment platform using PHP, CSS, HTML, and Java, enabling employers to post job openings and job seekers to apply.
 - Implemented secure authentication, job filtering, and user-friendly UI for an enhanced experience.
- **Cardiovascular Disease Detection AI (In Progress)**
 - Developing a deep learning model for detecting cardiovascular diseases using MIMIC-IV clinical data and MIMIC-CXR images.
 - Aiming to deploy the model on a web platform.
- **Virtual Mouse Using Hand Tracking**
 - Built a virtual mouse using Python and OpenCV, enabling hand-tracking-based cursor control.
 - Designed for gesture-based interactions to enhance accessibility and user experience.
- **Cybersecurity Challenges – TryHackMe**
 - Completed multiple TryHackMe rooms, including Brick Heist and PyRat, covering topics like network security, penetration testing, and exploit development.
 - Gained hands-on experience with CTFs, privilege escalation, and web application security.

INTERNSHIP

- **PHP Developer Intern** – AadilTech Solution Pvt Ltd, Kollam (July 2024)
- Completed a 12-day internship focused on PHP development, database integration, and web application development.
- Gained hands-on experience with MVC frameworks, code optimization, and backend development.
- Demonstrated a strong work ethic, problem-solving skills, and innovation during the training.

LANGUAGES

- Malayalam (read, write, speak)
- English(read, write, speak)
- Hindi(Read, write)