

Kalaiyaran M

Offensive and Defensive Programming

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SUMMARY

Innovative and passionate Computer Science student specializing in Web Development and Ethical Hacking. Excels in delivering impactful solutions through emerging technologies like Docker and Cloud Computing. Eager to contribute to groundbreaking projects and continuously learn new skills

EDUCATION

Karagam college of engineering | Coimbatore

May 2026

Bachelor of Computer science and Engineering | GPA: 7.5/10

Relevant Coursework: Data Structures, Design and Analysis of Algorithms, Operating Systems, Java, C, Computer Architecture, Software Engineering, AI, Networks.

SKILLS

Languages: C, PHP, Java, Python, HTML, CSS, JavaScript.

Others: Linux, Git & GitHub, DevOps, Docker, MongoDB, SQL, Networks.

Platforms: Linux, Visual Studio Code

Soft Skills: Excellent Communication, Team Management.

TECHNICAL PROJECTS

AI Based Voice and Face Recognition Assistant – [Python and MYSQL] - Self Project

- Developed an advanced AI-driven robot capable of real-time voice and face recognition for interacting with the user and responding for all the questions through voice output. [\[GitHub\]](#)

Web Hosting – [Linux, Apache, PHP, MongoDB, Bootstrap] - Self Project

- Developed a dynamic web hosting platform enabling students or anyone to host their websites based on monthly or yearly Subscriptions with free SSL, Domain and Databases. [\[GitHub\]](#)

Photogram – [PHP, MongoDB, Docker, RabbitMQ, Bootstrap] - Self Project

- Designed and developed a social media platform where users can sign up, log in, and post pictures.
- Implemented robust security features, including session management, Fingerprint-JS, and protections against SQL injection, XSS attacks, session hijacking, and more. [\[GitHub\]](#)

CERTIFICATIONS & WORKSHOPS

- Completed an internship on Python development at BYTS Service India Pvt. Ltd Aug 2023
- Completed “Learn The Art of Hacking Through Programming” Course in SNA Academy Dec 2024
- Completed Python on Udemy Jul 2023
- Participated in a National Level Workshop on GEN AI in the IT Industry Sep 2024
- Participated a National Level Workshop on Ethical Hacking and Cyber Security Dec 2023
- Secured Second Prize in the Innovation Contest at my college Feb 2023