KAVIN

Coimbatore, Tamil Nadu, India

📞 +91 7550370626 ✉ kavinkanagaraj16@gmail.com in linkedin.com/in/kavin-k-4bab7a277 ○ github.com/KavinsProjects 🌐 Portfolio

Career Objective

Enthusiastic Computer Science fresher with a strong foundation in programming, problem-solving, and software development. Seeking an entry-level Software Developer role to apply academic knowledge and hands-on project experience in building reliable, high-performance applications. Passionate about writing clean, testable, and maintainable code while learning industry best practices and modern technologies. Eager to contribute to all phases of the software development lifecycle and grow as a developer in a collaborative, fast-paced environment. Motivated to turn ideas into real-world solutions that create impact and long-term value for users and organizations.

Education

Dr. N.G.P. Arts and Science College, Coimbatore   **2023 – Present**
Bachelor of Science in Computer Science
Swami Vivekananda Matriculation Hr. Sec. School, Annur   **Completed 2023**
Higher Secondary Education

Technical Skills

Programming & Scripting: Python, Bash/Shell, C (Basics), JavaScript (Basics)

DevOps: Docker (Basics), Git

Platforms: Linux (Ubuntu), Windows

Databases: PostgreSQL, MySQL

Frameworks & Web: HTML5, CSS3, React

Networking: Hardware and Networking (Basics)

Projects

AI ChatBot | *Django, Ollama, LLM Integration*
– Developed a Django-based AI chatbot integrating with Ollama (LLM), focusing on **service availability** and response time monitoring.

Self-Hosted Media Server (Immich) | *Docker, Linux, Self-Hosting*
– Deployed and managed **Immich**, a self-hosted photo/video management solution, using **Docker** on a dedicated Linux machine; responsible for setup, maintenance, and **service reliability**.

AI Surveillance System | *Python, Computer Vision, Alerting*
– Developed a real-time AI surveillance system using Python; designed an **alerting mechanism** to proactively notify users of wildlife activity, simulating an **incident response** workflow.

ESP32 WiFi Web Server | *HTML, CSS, ESP32, Networking*
– Configured an ESP32 as a web server, managing constrained device resources and troubleshooting **Wi-Fi network connectivity** to ensure **reliable access** to the web interface.

Django Blog Web App | *HTML, CSS, Django, Deployment*
– Created a responsive blog platform; managed deployment, configured **logging**, and monitored application **performance** and stability.

Hackathons & Achievements

Awarded **1st Prize** in Product Development at Dr. N.G.P. Arts and Science College.
Smart India Hackathon 2024 — Participated as a team member, focusing on **front-end UI development** for the team's web application.
HAC-Kathon'25 — Participated in an AI innovation-based hackathon focused on Human–Animal Conflict challenges.

Certifications & Professional Development

Responsive Web Design — FreeCodeCamp (View)
Full Stack Development (Python Django) — FreeCodeCamp (View)
HAC-Kathon'25 — Human–Animal Conflict Challenges (View)
Participated in **Women Techmakers Coimbatore 2025**