

Gopalakrishnan Palpandi

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PROFESSIONAL SUMMARY

Dedicated and detail-oriented Security Analyst with a foundation in computer science and hands-on experience in cybersecurity tools, incident response, and network monitoring. Skilled in analysing security alerts, managing SIEM dashboards, and identifying potential threats. Passionate about safeguarding digital assets and supporting enterprise security operations.

EDUCATION

Sri Ramakrishna College of Arts and Science

Bachelor of Science in Computer Science

Coimbatore

June. 2022 – May 2025

PSG Sarvajana

Higher Secondary Education

Coimbatore

July. 2020 – May 2022

EXPERIENCE

Founder and Front-End Developer

Webz Wave Solutions

September 2024 – July 2025

Remote

- Founded a web service company with a team of 8 members, offering innovative web solutions.
- Designed and developed responsive, user-friendly websites tailored to client needs.
- Collaborated with clients to ensure projects met their expectations and business goals.
- Provided mentorship to team members, fostering skill development in modern web technologies.

Graphic Designer

Infynt Digital Marketing

October 2024 – January 2025

Remote

- Enhanced the company's online presence through creative and impactful designs.
- Created promotional materials and event designs, adding vibrancy and appeal to campaigns.
- Collaborated with the marketing team to align designs with branding and advertising strategies.
- Developed visual content that increased audience engagement and brand recognition.

Digital Marketing Team Executive

Clover Technologies

August 2024 – January 2025

Remote

- Devised marketing strategies and ad campaigns to increase brand reach and customer engagement.
- Analyzed market trends to optimize digital content and advertisement performance.
- Coordinated with cross-functional teams to implement effective marketing initiatives.
- Leveraged social media platforms and analytics tools to drive measurable growth in audience reach.

PROJECTS

Crowdfunding Platform | Web3, Blockchain, MetaMask, Solidity, ReactJS

November 2024

- Developed a decentralized crowdfunding platform using Web3 and blockchain technology.
- Integrated MetaMask for secure cryptocurrency transactions and wallet connectivity.
- Implemented features to create and publish campaigns, enabling secure end-to-end donations.
- Ensured a broker-free transaction process for enhanced transparency and reliability.

High-Security Video Analysis Framework | AI, Computer Vision, Python, OpenCV, TensorFlow

October 2024

- Designed a real-time video analytics system with advanced object tracking and facial recognition capabilities.
- Implemented intrusion detection and anomalous behavior analysis using AI-driven models.
- Integrated features like motion detection, object classification, and real-time alerts for enhanced security.
- Optimized framework performance for handling high-definition video streams efficiently.

College Sports Application | React Native, Firebase

September 2024

- Built a mobile application to manage college sports events and student registrations.
- Implemented separate dashboards for students and staff with Firebase authentication.
- Enabled real-time event updates, team management, and performance tracking.

- Ensured a smooth and intuitive user experience with React Native.

LAN-Based Chatbot | Python, NLP, Flask, Socket.IO

August 2024

- Developed an AI-powered chatbot for local area network communication.
- Integrated Natural Language Processing (NLP) for intelligent and contextual responses.
- Enabled file-sharing and real-time communication between users.
- Designed a secure and offline communication system without internet dependency.

Parking Lot Detection System | TensorFlow, OpenCV, Python, FastAPI

July 2024

- Built a machine learning model to detect vacant and occupied parking spots from images.
- Trained the model using TensorFlow and OpenCV for image processing.
- Integrated the model with FastAPI to deploy it as a web service.
- Provided real-time analytics for parking lot occupancy.

Blood Bank Management Application | React Native, Firebase

June 2024

- Developed a mobile application for managing blood donation and availability.
- Implemented separate dashboards for donors and patients with Firebase authentication.
- Enabled real-time tracking of blood availability and requests.
- Streamlined communication between blood banks and recipients.

Attendance Application | React Native, Firebase

May 2024

- Developed a mobile-based attendance application for colleges using React Native.
- Integrated Firebase for authentication and real-time data synchronization.
- Enabled students to mark attendance via QR code scanning for easy record-keeping.
- Designed an intuitive UI with real-time attendance statistics for faculty and students.

TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript, HTML/CSS

Frameworks: React, Node.js, Flask, WordPress

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, PyCharm, IntelliJ, Eclipse, Expo Go

Design Tools: Figma, Canva, Photoshop, Davinci Resolve, Framer, Notion

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge.