

ALPHINEPATRICKF

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PROFESSIONAL EXPERIENCE

Getsketchd Software, Trichy Full stack Developer

July 2019- 2020

Vision: Enhanced local business visibility and performance by developing websites using HTML, CSS, JavaScript, and PHP, MySQL for backend. Deployed on Hostinger server.

Initiative: Optimized website performance, leading to a 30% increase in client engagement and satisfaction.

Innovation: Implemented responsive design techniques and code optimization strategies, significantly improving load times and user interfaces.

POSITIONS

Manager | Sensors Design Team | NIT Trichy

Symposium of the Department of Instrumentation and Control Engineering

Jan 2020 - Mar 2024

Strategic Thinking: Led the Sensors Design Team, focusing on creating innovative posters, UI/UX designs, and videos that aligned with symposium themes and objectives.

Leadership: Improved system efficiency by 20% through the strategic design of sensor systems. Communicated complex technical concepts effectively to non-technical audiences.

Creativity: Introduced new design tools and methodologies, streamlining the creative process and enhancing the quality of deliverables.

Microsoft Learn Student Ambassador, Microsoft

Sep 2020-Jan 2024

Represented college in a global community. Encouraged fellow students to learn about Microsoft services and latest technologies.

Creativity: Introduced new design tools and methodologies, streamlining the creative process and enhancing the quality of deliverables.

PROJECTS

Heads.org

Vision: Developed a home page for a trust caring for elderly people, integrating CCTV with the website for real-time monitoring by trust members and government officials, ensuring resident safety.

Problem-Solving: Identified the need for a centralized monitoring system and successfully implemented it, enhancing the trust's operational efficiency.

Technical Innovation: Created a secure, user-friendly interface that facilitated easy access to live CCTV feeds using advanced web development techniques.

E-Commerce Website

Market Insight: Developed an end-to-end e-commerce site using OpenCart with seamless payment integration through Razor pay, providing a smooth and secure shopping experience.

Entrepreneurial Spirit: Recognized market trends and consumer needs, implementing features that enhanced the shopping experience and increased sales.

Optimization: Designed and deployed a robust backend system, ensuring high performance and reliability. Optimized checkout processes to reduce cart abandonment rates.

Invoiz (Invoice Processing using Gemini API AI)

Automation Vision: Developed an invoice processing system named Invoiz using Gemini API AI to automate and streamline invoice management for businesses.

Project Leadership: Led the project, utilizing PHP for backend development and Python for processing invoices, reducing manual processing time by 60%.

AI Innovation: Implemented advanced AI algorithms to accurately process and categorize invoices, improving overall efficiency and accuracy.

TECHNICAL SKILLS

Programming Languages: C, C++, Python, JavaScript, PHP, MySQL , Machine learning

Engineering Software: Tina

Other Software: Microsoft Word, PowerPoint, Excel, Visual Studio, Premiere Pro, Photoshop

CERTIFICATION

Alpha – Microsoft Learn Student Ambassador (Microsoft Online)

EDUCATION

B. Tech - Instrumentation and Control Engineering NIT | Trichy

CGPA: 6.94 (2020 - 2024)

HSC Montfort Matric Hr. Sec School, Manapparai, Trichy, State Board

Percentage: 70.8% (2018-2019)

SSLC Montfort Matric Hr. Sec School, Manapparai, Trichy, State Board

Percentage: 89.4% (2015-2016)

