M THILAK KUMAR

B.E (Electronics and Communication Engineering) | Full Stack Python Developer
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https://thilakkumar11.github.io/Portfolio/

Objective

Enthusiastic Full Stack Python Developer with a strong background in Electronics and Communication Engineering, skilled in Python, Django, HTML, CSS, JavaScript, and Postgr. Seeking to contribute innovative, scalable solutions and grow within a dynamic software development environment.

Skills and Abilities

Primary Skills: HTML, CSS, JavaScript, Bootstrap, MySQL, MS Office, LibreOffice, Python, PCB Design, Cadence Software.

Secondary Skills: Technical Software Proficiency, Teamwork, Quick Learning Capability.

Education

Prince Shri Venkateshwara Padmavathy Engineering College
Bachelor's Degree in Electronics and Communication Engineering
CGPA: 7.88

Jaigopal Garodia National Higher Secondary School
XIIth Standard – Percentage: 56.6%

Jaigopal Garodia National Higher Secondary School
Xth Standard – Percentage: 76.6%

Internship & Workshop

Code 99 IT Academy – Full Stack Python Developer Course.

Council of Scientific & Industrial Research – Central Leather Research Institute (CSIR–CLRI)
Department: Workshop & Instrumentation

Workshops:

- Evolution of Nuclear Physics, Spectroscopy & its Biomedical Applications – PSVPEC
- AI, IoT & Advanced Batteries in Electric Vehicles – A Technological Overview – PSVPEC

Projects

- **Smart Car Parking System:** Displays available parking slots via LCD and audio messages.
- **Mushroom Classification (IBM Project):** Developed a Python Flask web app using Anaconda for classifying mushrooms.
- **Automated Machinery – IoT-based Smart Farming:** Live agricultural monitoring with automatic and manual control through IoT systems.

Publications

- "**SMART CAR PARKING SYSTEM**" – Published in *International Journal for Multidisciplinary Research (IJFMR)*, 2023.
- "**Next-Gen Farming: Dynamic Supply Chain Surveillance**" – Presented at *National Conference on Advancements in Sustainable Smart Engineering and Technology (ASSET-2024)*, 2024.