

# M THILAK KUMAR

B.E (Electronics and Communication Engineering) | Full Stack Python Developer

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## Objective

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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

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**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

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### Prince Shri Venkateshwara Padmavathy Engineering College

Bachelor's Degree in Electronics and Communication Engineering

CGPA: 7.88

### Jaigopal Garodia National Higher Secondary School

XII<sup>th</sup> Standard – Percentage: 56.6%

### Jaigopal Garodia National Higher Secondary School

X<sup>th</sup> Standard – Percentage: 76.6%

## Internship & Workshop

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### Code 99 IT Academy – Full Stack Python Developer Course

Duration: 4 Months

### Council of Scientific & Industrial Research – Central Leather Research Institute (CSIR-CLRI)

Department: Workshop & Instrumentation

Duration: 16 Days

### Workshops:

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

## Projects

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- **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

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- **“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.