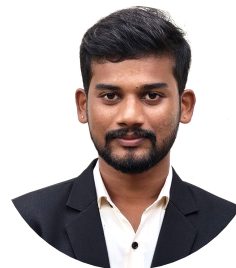# SHODHAN P G

Master of Computer Application Student

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in www.linkedin.com/in/shodhan-pg

CAREER OBJECTIVE

- To obtain a challenging position where my intelligence is recognized, hard work is the key, enabling me to learn new things, thus contributing to the growth of the organization and advancing my career.

PROJECTS

Smart Beehive Monitoring System for Sustainable Beekeeping

- Developed a Smart Beehive Monitoring System funded by KSCST, integrating IoT technologies for real-time beehive monitoring and management.
- Implemented an IoT-based system using NodeMCU (ESP8266) and ESP32-CAM.
- Utilized DHT11 for temperature/humidity, Sound Sensor, Rain Sensor, and HX711 for hive weight measurement.
- Integrated ESP32-CAM for image processing to monitor bee activity and health.
- Data processed locally for accuracy and transmitted to Blynk Cloud Platform for visualization and alerts.
- Outcome: Enhanced beekeeping through precise monitoring and proactive management.

Fitness Mantra Web Application

- Created platform for trainers, admins, and customers to manage training programs and purchases.
- Features include user-friendly dashboard, secure transactions, and email notifications.
- Tools: PHP, MySQL, HTML/CSS.

INTERNSHIPS

- Software Engineering Intern at *A1 Logics, Mangalore, Karnataka*
  - Contributed to various phases of the Software Development Life Cycle (SDLC).
  - Collaborated on requirements analysis, design, and development tasks.
  - Gained practical experience in coding, debugging, and software testing.
  - Assisted in the creation and maintenance of technical documentation.

ACHIEVEMENTS

- **I2CONECCT-2k24**
  Participated in I2CONECCT-2k24 organized by IEEE VCET student branch at Vivekananda College of Engineering and Technology, Puttur

- **MEDHA-2K24**
  Participated in the national level IT fest MEDHA-2K24 held at Shridevi College, Mangalore

AREA OF INTEREST

Embedded Systems

Software Development

Internet of Things (IoT)   Data Analysis

TECHNICAL SKILLS

Problem Solving

Arduino Programming   Data Analysis

Basics Of Data Structures

Basics Of Machine Learning

PERSONAL SKILLS

Problem Solving   Creativity

Observation   Time Management

LANGUAGES

- C & C++
- Python
- .NET
- Java

EDUCATION

Post-Graduation
Master of Computer Application

📅 2024   📍 VCET, Puttur

CGPA: 8.21

Graduation
Bachelor of Computer Application

📅 2022   📍 St. Philomena College, Puttur

CGPA: 7.91

Senior Secondary
PUC

📅 2019   📍 Rotary P U College, Sullia

Percentage: 79%

Higher Secondary
SSLC

📅 2017   📍 K V G English Medium High S

Percentage: 68.48%