

SHIVAM KUMAR

MCA Student | Actively Seeking Internship in AI/ML

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SUMMARY

MCA student (2025–2027) with strong foundations in Python, machine learning, and data analysis. Experienced in building AI-based systems such as chatbot helpdesks and QR-based tracking solutions. Passionate about applying machine learning to real-world problems and continuously improving technical skills.

EDUCATION

Master of Computer Applications (MCA)

Guru Ghasidas Central University

07/2025 - 07/2027 India

Bachelor of Science (Electronics)

Patliputra University

08/2022 - 07/2025 India

PROJECTS

QR Code-Based Module Tracking & Management System

<https://github.com/shivm44/QR-Code-Based-Module-Tracking-Management-System>

QR Code-Based Module Tracking & Management System

- Designing a system for tracking modules in a factory assembly line using QR codes
- Implementing Role-Based Access Control (RBAC) for admin, supervisor, and worker roles
- Focused on improving real-time tracking, process transparency, and workflow efficiency
- Includes backend logic, database handling, and secure access management

AI Helpdesk for CSIT department, GGV

<https://github.com/shivm44/University-Chatbot-with-custom-data>

AI Helpdesk for CSIT Department, GGV

- Developed an AI-based helpdesk system to automate student query handling
- Improved response efficiency and accessibility for common academic queries
- Applied core AI concepts to build a functional and scalable query-response system

Gpt chatbot with OpenAi Api key

<https://github.com/shivm44/gpt-chatbot-with-help-of-api-key>

About

- A CLI-based GPT-powered chatbot built using an API key to deliver real-time, human-like responses.
- Ideal for automating support, answering queries, and generating content.
- Easy to integrate, customizable, and scalable for web apps, tools, and modern AI-driven workflows

KEY ACHIEVEMENTS

Automated Helpdesk Deployment

Implemented system to reduce query response time by 30%.

QR Code System Implementation

Increased module tracking efficiency by 25% with QR system.

Enhanced Security Measures

Integrated role-based access control boosting security by 20%.

Training of neural networks

Trained neural networks, cutting the recognition error rate from 40% to 15%

Neural Network Optimization

Optimized neural network models, cutting error rates by 62.5%.

STRENGTHS

Analytical Skills

Strong analytical and problem-solving skills

Mathematical Skills

Solid foundation in mathematics and logical reasoning

Quick Learning

Self-motivated learner with a consistent growth mindset

Communication & Teamwork Skills

Effective communicator with strong teamwork, leadership, and time management skills.

SKILLS

GitHub Python Numpy Pandas

TensorFlow Flask

Can work with API GenAI