# Mehul Govind Waghare

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## Career Objective

IT Engineering student with hands-on experience in Python development, Machine Learning, and full-stack web applications using Django and Django REST Framework. Skilled in building APIs, database-driven systems, automation tools, and AI-based applications such as facial emotion detection and chatbot models. Strong problem-solving ability with experience in version control, debugging, and delivering real-world projects. Looking for roles in Software Development, Backend Engineering, Machine Learning, or Full-Stack Development.

## Education

**B.Tech –** Information Technology
SVKM's Institute of Technology,
DBATU University 2022 – 2026 | CGPA: 7.00

## Skills

**Programming:** Python, SQL
**Web Frameworks:** Django, Django REST Framework (DRF)
**Databases:** MySQL, PostgreSQL
**Tools & Platforms:** Git, GitHub, VS Code, PyCharm, Jupyter Notebook
**Soft Skills:** Communication and Presentation, Problem-Solving Mindset, Teamwork, Documentation And Reporting.
**Others:** API development, SQL queries, Model Deployment (basic)

## Projects

**1.SmartWorkLink – Task Outsourcing & Payment Platform** – Tools used**:** Django, DRF, MySQL, HTML, CSS, JavaScript

Developed a platform where users can post tasks and other users can complete them to earn money. Includes OTP-based user verification, a secure login system, and an admin panel to manage tasks, payments, and user activity. Implemented automated task status updates, a role-based workflow, and API-driven communication between the frontend and backend.

2. **Bank Management System** – Tools used: Django, Django REST Framework, MySQL
   Created a secure role-based banking system that allows users to create accounts, perform deposits and withdrawals, check balances, and view transaction history. The admin panel enables monitoring of all accounts and transactions. Implemented secure backend APIs with proper validation to ensure accuracy, data integrity, and secure operations.
3. **EmotionTune – Face Emotion Detection for Song Recommendation**– Tools used**:** Python, OpenCV, Keras(CNN Model)
   Built a real-time emotion detection application that analyzes facial expressions to recommend songs based on the user's mood. Integrated OpenCV for face detection and trained a CNN model for emotion classification (happy, sad, neutral, angry, etc.). Designed a simple Django interface to deliver personalized music recommendations.

## Achievements &Certificates

**1.Certificate: Python Foundation (Infosys Springboard)** — **March 2023**

- Gained foundational skills in Python programming.

**2. Web Development using HTML & CSS (Infosys Springboard)** — **March 2023**

- Completed foundational training in HTML, CSS, and responsive web design.

**3. IDE Bootcamp Certificate** — **January 2024**

- Presented the team project idea, workflow, and implementation strategy during the bootcamp.

**4. Presented Poster at Inter & Intra College-Level Competition** — **February 2024**

- Showcased technical concepts and project outcomes through structured poster presentations.