

Kshitij Gehlot

Software Development Engineer

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github.com/kdgehlot leetcode.com/kdgehlot2003

Summary

- Skilled in Python, machine learning, and full-stack development, with a track record of addressing challenging problems, including over 200 questions in data structures and algorithms on LeetCode and HackerRank.
- Experienced in collaborating on team projects and working independently, committed to creating inventive solutions that enhance organizational efficiency.

Education

- Parul University** 2021 – 2025
B.Tech in Computer Science Engineering with Artificial Intelligence | (CGPA: 7.57) Vadodara, Gujarat
- **Relevant Courses:** Data Structures and Algorithms (Python), MYSQL, Software and Hardware
- Asia English School** 2020 – 2021
Higher Secondary School Certificate Ahmedabad, Gujarat
- **Relevant Courses:** Physics, Chemistry, Maths, English.

Experience

- Sintex Industries Limited** Apr 2023 – Jun 2023
Automation and Software Development Internship Ahmedabad, Gujarat
- Gained comprehensive insights into industry operations through active learning and exploration.
 - Contributed to the successful execution of two distinct projects throughout the duration of my internship.
 - Utilized **EasyOCR** and **Robot Framework** for **SAP** invoice automation, and **RASA** to create a user-friendly leave management chatbot.
- Hackathon** Mar 2024
PU CODE 36-Hour Hackathon Vadodara, Gujarat
- Demonstrated resilience and creativity through sustained focus and teamwork in a high-pressure, time-constrained environment.
 - Created a tool to help farmers detect crop diseases and analyze soil, using React and FastAPI.
- Hackathon** Jul 2023
Parul Lets Hack Hackathon Vadodara, Gujarat
- Created a TensorFlow-powered tool to diagnose tuberculosis from X-rays.

Certification

- Software Engineering by NPTEL** Nov 2023
From IIT Kharagpur
- Data Structures and Algorithms in Python** Apr 2024
Udemy
- Python (Basic)** Apr 2024
HackerRank

Projects

Invoice Parking In SAP Automation | *Python, EasyOCR, Streamlit, SAP, RIDE Robot Framework*

- An automated program capable of extracting data from scanned PDF documents and seamlessly integrating invoice information into SAP.
- Implemented Python libraries, such as **EasyOCR**, to extract information from PDF documents.
- Utilized the **Robot Framework** to develop an automated solution for invoice parking.

ChatBot For Leave | *Python, MYSQL, RASA, Flask, HTML, CSS, JavaScript*

- Designed and implemented a chatbot application enabling users to request leave without the need for ERP system login.
- Utilized the **RASA Framework** to architect and develop a sophisticated chatbot.

Tuberculosis Detection - TBVISION | *Python, PyTorch, HTML, CSS, JavaScript, Django, RASA*

- Created a TensorFlow-powered tool to diagnose tuberculosis from X-rays.
- Developed a **Machine Learning** model to detect tuberculosis from chest X-rays, accurately identifying disease patterns.

Crop Disease Detection And Soil Prediction | *Python, TensorFlow, Fast-API, React.js, Bootstrap*

- Created a tool to help farmers detect crop diseases and analyze soil, using React and FastAPI.
- Developed a **Deep learning** application for real-time crop disease detection and soil detection.
- Designed a responsive React frontend and integrated it with a FastAPI backend for seamless data flow and interaction.

Technical Skills

Languages: Python, Javascript

Technologies: Git, Github, HTML5, CSS, Scikit Learn, Pandas, Matplotlib, Seaborn, Keras, TensorFlow, React.js, MYSQL, MongoDB, PostgreSQL, Flask, Express.js, Bootstrap, Tailwind, Node.js, Robotic Process Automation (RPA), RASA Framework, Microsoft Azure, GCP, Linux, Canva, Figma

Concepts: Operating System(OS), Data Visualization, Mathematics, Statistics, Artificial Intelligence(AI), Machine Learning(ML), Problem Solving, Automation, API, REST API, Object-Oriented Programming (OOP), Problem-Solving, Analytical Skills, Database Management