MOHIT DHURVE

Bhopal (M.P.)
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Skills

Programming C/C++, Python, JavaScript, SQL
Web Development HTML, CSS, NodeJS, ExpressJS
Databases MySQL, MongoDB
Frameworks TensorFlow, scikit-learn, OpenCV, Tkinter
Developer Tools Visual Studio Code, Pycharm, GitHub
Soft Skills Time Management, Problem-solving, Documentation, Engaging Presentation, Leadership, On-site coordination

Education

B.Tech in Computer Science and Engineering *Current CGPA - 7.26/10*
National Institute of Technology, Bhopal(M.P.), India *Expected 2025*
- **Courses:** Data Structures and Algorithms, Object Oriented Programming, Data Base Management System, Operating System, Computer Networks, Computer Architecture

Experience

TECHPLEMENT, *Python Developer Internship* | Remote *Jun 2024 - Present*
- Developed a Command-Line Tool for secure password generation with customizable features.
- Utilized argparse for argument parsing and string and random modules for password generation.

Technophilia Solutions, *Data Science Internship* | Remote *Jun 2023 - Jun 2023*
- Analyzed Covid-19 data across multiple countries to identify trends and provide data-driven insights.
- Utilized pandas for data cleaning and manipulation; employed NumPy for numerical operations.
- Created data visualizations using matplotlib and seaborn.

Projects

change detection using satellite image segmentation *Jan 2024 - May 2024*
Minor Project
- Developed a machine learning algorithm for high-accuracy land cover change detection using satellite imagery.
- Enhanced image preprocessing with radiometric and geometric corrections for consistent data.
- Implemented feature extraction techniques optimizing detection of environmental changes.

Online Face Attendance System *July 2023 - Sept 2023*
Personal Project
- Developed a Tkinter-based desktop application for student attendance with real-time camera feed.
- Integrated OpenCV and face-recognition for accurate student identification and automated attendance marking.
- Automated CSV-based attendance tracking for multiple class periods.

Diabetes Prediction *Oct 2023 - Dec 2023*
Personal Project
- Designed a Support Vector Machine (SVM) classifier to predict diabetes using patient data.
- Created a Tkinter-based GUI for diabetes prediction, allowing user input and instant results.
- Applied data preprocessing techniques using pandas and NumPy to ensure model accuracy.

Extracurricular

J.P. Morgan Software Engineering Virtual Experience | Forage *May 2024*
- Set up a local development environment and fixed repository files for a web application.
- Leveraged JPMorgan Chase's open source library, Perspective, to create a real-time graph for traders, enhancing data visualization and monitoring efficiency by 40.

Machine Learning Training | Internshala *May 2023 - Jun 2023*
- Implemented machine learning models using scikit-learn and TensorFlow.
- Developed skills in data preprocessing and feature engineering.

Certificates

May 2024 **JPMorgen Software Engineering Job Simulation**, Forage *Certificate Link*
June 2023 **Machine Learning**, Internshala *Certificate Link*
Aug 2023 **Data Science Internship**, Technophilia Solutions *Certificate Link*

Achievements

2022 **First Place in Diy Robotic Arm Project**, Automax competition was organized by Robonauts India *NIT-Bhopal*