ASHUTOSH VIJAYKUMAR PATIL

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EDUCATION

Pune Institute of Computer Technology   **2022-2025**
BE - Information Technology - **Agg.CGPA 8.15**   Pune, India

Institute of Petrochemical Engineering   **2019 – 2022**
Diploma - Information Technology - **GPA 9.68**   Lonere, India

TECHNICAL SKILLS

Course Work: Data Structure , OOP , OS , DBMS , Computer Network
Languages: Python, Core Java , C++
Database: MySql , MongoDB(Basics)
Machine Learning: Supervised Learning, Unsupervised Learning, Convolutional Neural Networks (CNN) & Algorithms
Data Visualization: Tableau, PowerBI
Big Data: Hadoop(beginner),ETL (Extract, Transform, Load), Hive
Advanced Data Analysis: Advanced Python libraries SciPy, NumPy, pandas,Scikit-Learn
Web Development: HTML , CSS , JS , Angular , NodeJs, React.js(very Basic)
Developer Tools: VS Code, Colab, Anaconda(Jupyter),Eclipse IDE, Git & Github

PROJECTS

IOPELearnNet | ReactJs, ExpressJs, NodeJs, MongoDB, Google Drive API   **02-2023**
- The Project is a dynamic, full-stack web application designed to enhance the educational experience at IOPE College. This platform offers a comprehensive solution for accessing and managing lecture notes, practicals and more.
- Integrated Google Drive API and Designed with a responsive, user-friendly interface for seamless access to lecture notes and practicals .

Traffic Volume Forecasting Using Time Series Analysis | Machine Learning   **07-2024**
- Developed a traffic forecasting model using time series analysis techniques, including ARIMA, to predict vehicle volumes at multiple junctions. Conducted extensive data preprocessing, feature engineering using python libraries such as pandas, Seaborn, and Statsmodels .

Notable Outgoing Student | React,Google Sheets API,Node Js,Tableau,AppScript   **03-2024**
- Developed an interactive web application using React, Node.js, and the Google Sheets API for dynamic data management, which was successfully submitted at PICT College.
- The project was designed to analyze student data, identify top performers based on multiple criteria, and was implemented with the Batch of 2023-2024 to deliver live results and advanced data visualization with Tableau.

ROLES & CERTIFICATIONS

- Led as Literature committee Head of the IGNITE Committee during the diploma course
- Secured 85th rank in state Diploma exam out of 52000 students and 3rd rank in IT department of IOPE college
- Attempted Cloud Computing NPTEL exam
- Currently pursuing an DataScience Honors course by SPPU
- Certified course in Insights in DataScience by PICT
- Certified Full Stack Web Development by 7mentors.pvt.ltd Pune
- Solved 300+ DSA Problems on different platforms covering various problem solving topics in Data Structure

PUBLICATION

Optimization Techniques In Machine learning and Deep Learning: Ashutosh Patil, Gayatri Bhangle, Published in PIJET, Volume-1, Issue-2, June 2024 (https://pijet.org/papers/volume-1%20issue-2/Final_Revised%20Paper_Pijet-14.pdf)