

Harshal Tanaji Ajetrao

Bachelor of Engineering – Mechanical Engineering

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Career Objective

To work in an organization which provides me with ample opportunities to enhance my skills and knowledge along with contributing to the growth of the organization.

- Apart from B.E., have completed various certification and acquired skills in – Machine Learning, Data Science, Quality Management, Project management, Operation, Supply Chain Logistics and Team Leadership.

Technical Proficiencies

- Python Programming, SQL, PowerBI, MongoDB, AutoCAD, Catia and MS Office.
- Data Science – Machine Learning, Data Pre-Processing, Data Visualization, Pandas, Numpy, Jupyter Notebook, Seaborn, Matplotlib, Natural Language Processing.

Work Experience/Internship

Machine Learning Intern | Olcademy

March 2021 - Present (Duration-3 months)

Internship | Mahabal Metals Pvt. Ltd. Miraj | June 7th, 2019 - June 22nd, 2019 (2 weeks)

Gained exposure and learnings about the machining of different automotive parts is carried out on CNC/VMC & VTL Machines of Flywheel, Brake Drum, Brake Disc for Toyota, Ford, Maruti Suzuki, Tata, and Volkswagen companies.

Projects

Project | Dec 2020-January 2021

Developed a Streamlit app for Iris flower Classification

Operations Performed - Data Cleaning, Exploratory Data Analysis and Model Building.

Algorithm used - K-Nearest Neighbor

Project | Dec 2020-January 2021

Analysis of Telephonic Churn data using Python Libraries.

Operations Performed - Data Cleaning, EDA, Cross-Validation, Hyperparameter Tuning and Machine Learning Model Building.

Algorithm used - Decision Tress.

Project | MMCOE, Karvenagar, Pune | July 2019-March 2020 | Team Size: 4

Worked on designing and developing **Density Based Traffic Control System** - where the timing of the signal will change automatically on sensing the traffic density.

- Github Projects – <https://github.com/harshalajetrao>

Achievements & Awards

- Awarded CHIEF MINISTER NCC scholarship in 2012- 2013
- Awarded STATE GOVT. NCC scholarship in 2012- 2013
- Won Bronze Medal in Firing in All India Camp “ALC” at Amritsar in 2011
- Member of School District Football team held in 2010

Extra-Curricular Activities

- Blood donation at MMCOE, Karvenagar, Pune in 2020
- Attended State Electrical Safety Week Programme Organized in 2016.
- Participated in Tree Plantation Programme held in New English School, Miraj in 2010.

EDUCATION

2017 - 2020

Bachelor of Engineering (B.E.)
Mechanical Engineering |
MMCOE, Karvenagar, Pune |
University of Pune |
CGPA - 7.93

2013 - 2016

Diploma in Mechanical
Engineering | Government
Polytechnic, Miraj | MSBTE |
Percentage - 73.29%

2013

10th Standard | SSC
Kolhapur Board |
Percentage - 77.27%

Certifications

- Machine Learning and Data Science with Python | Ai Adventures – Pune
- Six Sigma tools for Improvement and Control | Coursera.org
- Supply Chain Logistics | Coursera.org
- Basic TQM and Industry 4.0 | Tata Steel Capability Program

Interests

- Exploring new technologies
- Learning new languages
- Reading Books

Languages - English, Hindi, Marathi