**Atharva Shelke**

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# Education

**D. Y. Patil College of Engineering [PUNE] Jun 2019 – June 2023**

Bachelor of Engineering | CGPA: 8.3

**Pathsetter Oct 2022 – June 2023**

Data Science and ML Fellowship | EDA · foundation · Data modeling and predictive analysis · Contemporary applications

solving real world problems · Foundations of Data Science and ML project · Python (Programming Language)

**JDC Bytco College [NASHIK] July 2018 – May 2019**

Higher Secondary Education (HSC) *|* 72.3 %

# Experience

**Artificial Intelligence Intern Feb 2022 – June 2022**

[Personifwy](https://personifwy.com/) {Remote}

* Designed a Machine model for projects Based on Image Classification and to apply CNN and NLP models on Ml Classification

Along with the help of logistic and linear Algorithm.

* Working with **CNN, NLP, Matplotlib, AI-ML Tools**.

**Python Programming Intern Nov 2021 – Dec 2021**

[Cognifront](http://www.cognifront.com/)

* Worked with the seniors on various python models and solving problems in PYTHON.
* **Python, Problem Solving, Logic Building**.

**Mechanical Project Intern June 2021 – July 2021**

Quality Engineering {India}

* Worked as mechanical intern with professional team on various machines to complete a good jobs(Production)
* Worked with - **Lathe, Drill, and some Cutting machines.**

# Projects

**Data Analysis: Transaction Data and Purchase Behavior | Quantium 2023 [](https://github.com/aasuraK/Data-Analysis-Transaction-Data-and-Purchase-Behavior-)**

-Data preparation and customer analytics. -Experimentation and uplift testing. -Analytics and commercial application

**Data Visualization: Empowering Business with Effective Insights | TATA [Forage 2023]** [](https://github.com/aasuraK/DatanVisualization-1/tree/main)

* The Framing the Business Scenario. Choosing the Right Visuals. Creating Effective Visuals.
* Communicating Insights and Analysis

**Reinforcement Learning Model to reduce lap timing within 3 min| Amazon AWS DEEPRACE [2023]** [](https://github.com/aasuraK/aws-deeprace-AIML)

* Developed a reinforcement learning agent using Python to control an autonomous vehicle in a simulated environment.
* Implemented a reward function to optimize the agent's performance and encourage desired behavior. Skills- NLP, ML, AWS-ML, Reward function, Driving model.

**Power BI Data Visualization |Data set by Aditya Vyass (2023)** [](https://www.linkedin.com/feed/update/urn:li:activity:7043943635876200448/)

* Used an e-commerce dataset sourced from a social media platform to create a dynamic Power BI dashboard that provides insights into the number of orders, revenue, popular products, and countries where orders were placed.
* The visualization helped identify trends and patterns that can be used to make data-driven decisions about product placement and marketing strategies.

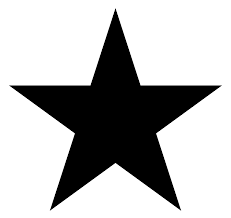
# Technical Skills

**Programming Languages**: SQL, Python, Supervised learning, Unsupervised learning, Deep learning

**Techniques**: Logistic regression, Linear regression, ML Basics

**Development Tools**: Excel, AWS, PowerBI, ETL, DATA-piplines, warehousing

**Libraries**: SVM, NLTK, Seaborn, NumPy, Pytorch, Scikitlearn, Pandas, Matplotlib

**Competitive Programming**: 3  Codechef, Leetcode

# Achievements

* AccioSat 2022 Scholarship test **Rank 373**.
* IIT Guwahati Technothlon Junior Squad **AIR-56.**
* Qualified Meta Global Hackathon - [ID](https://meta-hackathon.netlify.app/certificate/?token=345346c7fef96cc789b6dd5cb82c85b40913ac6f000294af4d862b8d3cf51a81).