

Jaivik Jariwala

 Jaivik-Jariwala |  jaivik-jariwala |  jaivikjariwala111@gmail.com |  +917490033349

SUMMARY

Jaivik Jariwala is B.Tech student at PDEU , ML Engineer , Researcher @PDEU and Web/Graphic Freelancer ,with expertise in machine learning He is an Intern at Nothing Technology Limited and President of EnviroFreaks, promoting environmental stewardship. Skilled in Machine Learning, deep learning, cloud computing, graphic designing, and web development along Metaverse.

WORK EXPERIENCE

President

Jun 2023 - present

EnviroFreaks

As President of the Environment Club, I lead resource management and impactful events, inspiring environmental stewardship. We promote sustainability, engage the community, and address pressing challenges for a greener future.

LICENSES AND CERTIFICATIONS

Machine Learning Specialization

[Certificate](#)

Issuing Authority: DeepLearning.AI, Coursera, Stanford CPD, UVM

Issue Date: 26th June 2023

Credential ID: 2BA4T29

PROJECTS

Artificial Fiber for Robotic Arm

Dec 2023 - present

Inspired from human Arm structure and network of communication, designed a Arm based on similar structure at fiber level of tissue and recreating the muscle using along building a network of communication using relay and artificial network just like nervous system of arm . However still manufacturing is in progress at PDEU SRP '22-23.

Autonomous Versatile Modular Drone

Jan 2023 - Jun 2023

Developing an Autonomous Drone for use in versatile conditions along with being simply modular to carry a variety of payloads and delivery its mission.

Only Grants

Feb 2023

Website for finding the best suitable Grants available for Research and Development projects across with details along a Community for Researcher and deployed ML model for recommending profiles and grants according to one's portfolio.

Finvest

Oct 2022

WIE: WebApp-based Incubation Centre for Women's Startup and open to all for investing in the company and creating a virtual incubation centre for women-in-engineering.

EDUCATION

2021 - present	B.Tech Degree at Pandit Deendayal Energy University	(CGPA: 9.39)
2021	Class 12th at Riverdale Academy (GSEB)	(A1)
2018-2019	Class 10th at L.P. Savani International School (CBSE)	(A1)

VOLUNTEER

Senior Graphic Designer

Jun 2023 - present

Symmetry

Works on Designing Content and Give Hands-on Workshop for Adobe Professional (Photoshop)

Senior Graphic Designer

Jun 2021 - present

EnviroFreaks

Works on Designing Content and Creation along with team management and training.

PR and Publicity Head

Jun 2022 - Jun 2023

EnviroFreaks

Works on Designing Content and Creation along with team management and training.

Graphic Design Head

Aug 2022 - Jun 2023

Apogee3

Works on Designing Content and Creation along with team management and training.

SKILLS

Machine Learning

Linear Regression, Logistic Regression, Gradient Descent, Supervised Learning, Regularization, Neural Network, Xgboost, Tensorflow, Collaborative Filtering, Recommender Systems, Reinforcement Learning, Anomaly Detection, Content Filtering.

Deep Learning

Neural Network Architecture, Backpropagation, Forwardpropagation, Tensorflow, Mathematical Optimization, Facial Recognition System, Object detection and Segmentation, CNNs, RNNs, GRUs, Attention models, Multi-Task learning, Inductive Transfer, Hyperparameter Tuning.

Cloud Computing

Statistical Data Bias Detection, MultiClass Classification with FastText, Data ingestion, Automate Machine Learning, ML Pipelines, BERT Deployment, Feature Engineering, Distributed Models, A/B Testing Model and Deployment, Cost Saving and Performance Improvements, Google Compute Engine, Google App Engine, GCP, Load balancing, VPNs, AutoScaling, GCP infrastructure, Load Balancing.

Project Management

Organizational Culture, Career Development, Strategic Thinking, Change Management, Project Management, Stakeholder Management, Business Writing, Project Charter, Project Planning, Risk Management, Task Estimation, Quality Management, Project Execution, Scrum.

Python

Data Analysis, Programming, DSA, DAA, Django, Object-relational mapping, Data Visualisation, Architecture, Web-framework, data cleaning, Debugging, control flow.

Graphic Designing and Ui/Ux

Adobe illustrator, Adobe Photoshop, Adobe Firefly, Adobe XD, Adobe Indesign, Adobe Aftereffects, Adobe Premiere Pro, Prototyping, WireFraming, Usability Testing, Figma, blender.

Database

Database Management System, RDBMS, Database design, Database Architecture, Postgresql, MySQL, SQL, MongoDB, Database Security, Database Servers, Database Administration, ETL, Apache, Data Pipelines, Data Warehousing, NoSQL, SparkML, Cloud Database.

Web Development

Javascript, ReactJs, NodeJs, Django, Flask, solidity(brownie), Metamask, Polygon, web3-intro, Tailwindcss, HTML, CSS, Metaverse, ER, XR, MR, AR, VR, WebXR, Unreal Engine, Unity.