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

Intern   July 2023 - Aug 2023
Nothing Technology Limited
Joining as a Part of Generation Nothing, We worked in Dev-Community and on variety of projects as Analyst for Marketing.

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: 13th August 2023
Credential ID: 2BA4T29

Generative Adversarial Networks Specialization   Certificate
Issuing Authority: DeepLearning.AI, Coursera, Stanford CPD, UVM
Issue Date: 26th June 2023
Credential ID: CX9VWNDANWJ3

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.

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)

Conference and Events

IEEE Wireless, Antenna and Microware Symposium 2023
As Volunteer Coordinator for WAMS 2023, I managed paper sessions, led teams, organized a successful cultural night, and had the privilege of networking with some of the brilliant minds in the field. Demonstrated strong organizational and teamwork skills while ensuring smooth sessions and an engaging cultural event.

FigmaConfig 2023
I participated in the Figma Config event, where I gained valuable insights into the latest trends and advancements in design and collaboration. This experience allowed me to explore innovative approaches within the design industry and learn from experts in the field.

Amazon AWS India Summit 2023
I engaged in the Amazon AWS India Summit, a transformative event that provided a comprehensive overview of cloud technologies and their real-world applications. Through this summit, I deepened my understanding of AWS services, cloud architecture, and emerging trends in the tech industry. This experience broadened my knowledge and highlighted the significance of cloud computing in driving modern business solutions..

SVNIT Hackathon Dotslash 6.0
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DAIICT Hackathon Tic-Tac-Toe
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Volunteer

Senior Graphic Designer
Symmetry
Works on Designing Content and Give Hands-on Workshop for Adobe Professional (Photoshop)

Senior Graphic Designer
EnviroFreaks
Works on Designing Content and Creation along with team management and training.

PR and Publicity Head
EnviroFreaks
I served as a dedicated volunteer and Marketing Head for environmental initiatives, passionately advocating for a sustainable futu

Graphic Design Head
Apogee3
was a founding member and served as the Head of Graphic Design and Editing at the Aerospace Club, contributing to its visual i

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, Backpropogation, Forwardpropogation, 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, Automatic 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 Manage-] ment, Project Execution, Scrum.

Python
Data Anaylsis, 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, Postresql, MySQL, SQL, MongoDB, Database Security, Database Servers, Database Administration, Data Pipelines, 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.