

# Trainer Profile

## Jai Mishra

Cloud Associate @ Amazon Web Services, Bangalore  
Freelance Python, IOT, Machine Learning Online and Offline Trainer

Having the vast knowledge in programming on various tools and domains, I enjoy imparting my technical skills and knowledge. I am a Tech Enthusiast with **expertise in AWS Cloud, DevOps, Data Science, Business Analytics, Machine Learning Concepts, Python programming for hardware interfacing & software applications, Internet of Things with strong grip on customized Python Libraries & R Studios**. Having 4 years of experience as corporate and industrial working experience, I enjoy creating a comfortable, safe, nonthreatening environment so participants can relax, ask questions and learn. I love to teach and have taught in various sectors participants.



## Some Notable Past Training Experience

1. **Croma Campus, Noida:** Full time IOT and Python trainer
2. **PCCOE, Pune:** Conducted workshops on Python, IOT and Data Science
3. **Bhartiye Vidyapeeth, Kolhapur:** Regular workshops on Python, IOT, Cloud Computing with AWS and Data Science
4. **JIIT :** Regular workshops on IOT and Python for an year
5. **GeeksLab:** Freelance trainer for GeeksLab, Delhi
6. **Simpliv:** Trained 10 American students on Python online
7. **Also trained 4 Chinese students Python and Machine learning online**
8. **Reva University, Bangalore:** 4 Day Workshop on IOT and Python

I always look for working with enthusiastic group or people on any challenging Technical project or entrepreneurial activity. **I have also worked with Amazon and Cognizant as full-time employee in the field on Machine Learning, Python etc.** My industrial work experience in diverse domains including Tech R & D operations and Industrial Projects Development makes me a complete package of experience of diversified fields.

- I have proven ability in assisting clients in identifying training needs, measuring and evaluating training.

- My experience expands over a wide spectrum ranging from R, Python, Machine Learning, Deep Learning, Computer Vision, Artificial Intelligence, Data Science, IOT, TensorFlow, OpenCV, Microsoft BI Tools, AWS Admin, Cloud DevOps, Data statistical analysis, graphics representation and reporting.

- I also have have experience of extensive Projects R& D, training and practical implementation in the field Pytorch, Django and Deep learning.
- I Have taught professionals from various domain viz, Finance, Retail, HR, Manufacturing, IT who have successfully shifted their career in the field of AWS, Computer Vision, Deep learning and Python.
- I have successfully trained an outreach of over 1000+ students and professionals nationwide.

## Notable Achievements:

- Top 24 Finalist in Accenture Global Innovation Challenge
- Top 100 rank in Deloitte IOT Hackathon
- Published research paper in 4th international IEEE Conference held at Noida

## Some of self-developed projects are:

- EMAD (Electronic Meter Automation Device)
- Energy Consumption Minimization in EV's using Heuristic Learning
- Video deblurring using Generative Adversarial Neural Network

## Technical Proficiency:

- Tools:** CodeBlocks, VM Ware, Putty, VNC Viewer, Jupyter, Pycharm, R Studios, Matlab, Wordpress, Tensorflow, KaliLinux, BackTrack
- Core Languages:** C, C++, Python (2.7 & 3.5), Java, JS, HTML5
- Databases:** MySQL, MS SQL Server, SQLite. (PL/SQL), NoSQL
- Web Development:** HTML, CSS, JavaScript, PHP, WordPress
- Data Analysis:** Data Analysis using Python using Numpy, Pandas, Matplotlib etc. Data Analysis with R using Statistical modelling of T-Test, Z-Test, P-Test Excel sheet Analysis.
- AWS:** EC2, ECS, ELB, Lambda, CloudWatch, IAM, EBS, Lex, IOTCore, S3, Codepipeline, CodeDeploy, Elastic BeanStalk
- DevOps:** AWS, Kubernetes, Docker, GitHub, CI/CD, Jenkins
- IOT:** Arduino, RaspberryPi, Zigbee, MQTT.
- IOT Platforms:** AWS IOT, IBM Watson IOT, Thingspeak, myDevices, Twilio, node-red, Ubidots, IFTTT, PubNub
- Tech: Internet of Things (IoT)** though h/w interfacing, Home and Industrial automation, dynamic programming of family of various microcontrollers (ATmega, Pic, ARM etc.) various advance learning boards like Arduino, Raspberry Pi, and Intel Galileo etc.