

# ADIL YOUSUF

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## Professional Summary:

Experienced Computer Science Engineer with 8+ years of experience having strong analytical and problem-solving skills with a sound knowledge of mathematics, statistics, algorithms and programming Languages. Proven expertise in Implementing AI/ML models, Cloud services, Microsoft Azure, Azure AI services, Power BI, TensorFlow, Keras, NLP, computer vision, Data Analytics, Data science. Successfully and efficiently trained thousands of Faculty members and IT professionals on various IT Technologies. Seeking a challenging role to showcase my skills.

## Key Skills:

- Data Analytics using Python, Microsoft Power BI, Tableau, R programming.
- Google Data Analytics, Big Query, Kaggle.
- Data Science and its tools like Python, Tableau, TensorFlow, Jupyter Notebook, Power BI, MATLAB, Numpy, Pandas, Matplotlib, seaborn, RStudio
- Cloud Computing, building, testing, & deploying cloud-based applications using Microsoft Azure.
- Creating and Deploying Azure AI Services like content safety, speech, Vision Service, Language service, Azure Machine learning, Azure AI studio, azure chat bots etc.
- Artificial Intelligence and its fundamentals
- Machine Learning, NLP, Computer Vision , Deep learning , Generative AI.
- TensorFlow for AI/ML and Deep Learning, CNN in Tensor Flow, NLP In Tensor Flow.
- Digital Image Processing
- Algorithm Design and Analysis.
- Data structures, DBMS, Operating Systems, computer Graphics.
- Programming languages like C, C++, Python, MATLAB,R and SQL
- Network security and Cryptography algorithms.
- Cyber Security Essentials.
- Hardware support (Configuration and Management).
- Hyper-V virtualization. VMware, Azure virtual Machines. Azure virtual desktop
- Remote Desktop Assistance, Technical Troubleshooting, Hardware and Software Support, Network Connectivity, Remote Assistance

## **Professional Experience:**

**ICT Academy, Information Technology and Digital Services Govt. of Tamil Nadu**

**Senior Technical Trainer (SME) AI/ML and Data Science Domain**

**Mar 2022 – Present**

### **Roles and Responsibilities:**

- Actively developing and delivering comprehensive training programs that cover a wide range of data science topics, including data manipulation, data visualization, machine learning algorithms, big data technologies and Cloud computing.
- Delivering Microsoft courses like Microsoft Azure, Azure AI services, Azure Machine Learning, Azure AI Associate course, Microsoft Power BI Data Analyst Associate course.
- Delivered Google for developers course on TensorFlow for ML to hundreds of professionals as an India Edu program partner (ICT Academy) of Google and also received appreciation from Google as well.
- Creating and Deploying Machine Learning and deep Learning models using TensorFlow, Keras, Microsoft Azure, Colab, Notebooks etc.
- Creating and training computer Vision and Convolution neural networks using TensorFlow and Keras involving the concept of callbacks, Convolution, pooling , image Data generator, Image Augmentation.
- Worked on Data Analytics Using Python by Using various python packages and libraries like Numpy, Pandas, Matplotlib, plotly, seaborn, Scipy, Scikit-learn
- responsible for staying up-to-date with the latest trends and advancements in data science and incorporating them into our training programs.
- Involved in creating engaging and interactive training materials, conducting hands-on workshops and webinars.
- Mentoring junior trainers and provide professional development.
- Conducted KT session to new trainers and professionals. Microsoft / E-Mech Solutions Pvt Ltd.

## **Larson and Toubro (LnT)**

**Mar 2023 – June 2024**

**Freelance Subject Matter Expert Computer Engineering**

### **Roles and Responsibilities:**

- Designing, developing, and delivering high-quality educational materials and courses related to computer science subjects, and data engineering.
- Continuously updating course content to reflect the latest industry trends, technologies, and practices.
- Doing the job of item development and Item review.
- Mapping of various items to the appropriate content and course.

## **SSM College of Engineering and Technology Srinagar**

**April 2017- Feb 2022**

**Assistant Professor**

### **Roles and Responsibilities:**

- Teaching, leading lectures, conducting seminars, supervising lab work, preparing lessons.
- Worked as a project coordinator where I used to coordinate and guide the students on different projects.
- Guided the students on AI/ML , Data science, Cloud based, Image Processing and other web

development projects

- Taught almost all the core subjects of Computer science like Discrete Mathematics, Data structures, Algorithm analysis & Design, Computer Graphics, Operating Systems, Artificial Intelligence and Machine Learning, DBMS, Computer network security and cryptography, Theory of Computation, Image Processing, and basic programming languages like C and C++

**Rooman Group of Companies, Bangaluru**

**July 2013- June 2014**

**System engineer**

**Roles and Responsibilities:**

- Managing and monitoring all installed systems and infrastructure
- Installing, configuring, testing and maintaining operating systems, application software and system management tools
- Remote Desktop Assistance, Technical Troubleshooting, Hardware and Software Support, Network Connectivity, Remote Assistance
- Networking TCP/IP, Routing, Switching, DNS and DHCP.
- Diagnose and troubleshoot technical issues, including account setup and backup configuration and hardware compatibility, user groups and privileges.

**Certifications:**

- Microsoft Azure Fundamentals AZ-900 by Microsoft.
- Microsoft Azure AI Fundamentals AI-900 by Microsoft.
- Certificate of Training in A+, N+, MCITP and CCNA from Rooman Technologies, Bangalore.
- Google Data Analytics Professional Certificate Course (COURSERA)
- Deep learning.AI TensorFlow Developer Professional Certificate (COURSERA)
- IBM Data Analysis with Python (COURSERA)
- Certificate course in Introduction to Cybersecurity by Cisco (Netacd)
- Certificate course in Cybersecurity Essentials by Cisco (Netacd).
- Python Essentials by Cisco Network Academy.
- CCNA fundamentals from NIELIT Srinagar.

**Education:**

- M.Tech Computer Science & IT from University of Jammu, Passing Year 2016
- B.E Computer Engineering from University of Kashmir, Passing year 2013

**Publications:**

- Adil Yousuf, Jasbir Singh, "Clustering in MANETs with minimum reclustering and communication overhead," Circulation in computer Science Vol.1, No.1, pp: (54-58) Aug 2016.
- "A Comparative Review Paper for Noise Models and Image Restoration Techniques, " International Journal of Computer Science and Mobile Computing, Vol.6 Issue.6, June2017, pg. 405-410

**Address:**

Thajiwara Achabal Anantnag Jammu & Kashmir, Pin **192201**

DOB:06/11/1989

Languages: English, Hindi, Kashmiri and Urdu

**Hobbies:**

Reading, Travelling, Music, Internet Browsing.

**Declaration**

I hereby declare that all the details furnished above are true to the best of my knowledge.

Place: Anantnag

Adil Yousuf

Date: