

VARUN KUMAR

(+91) 98765-43210



AIML Engineer

varun.kumar@example.com



456 Maple Avenue, Apt 302
Bengaluru, Karnataka, 560001



PROFESSIONAL SUMMARY

A highly motivated AI/ML Engineer with 5 years of experience in designing and deploying machine learning models and AI-driven solutions. Proficient in Python, TensorFlow, PyTorch, and cloud platforms with a focus on solving complex problems using data-driven approaches.

EDUCATION

Bachelor of Technology in Computer Science

Indian Institute of Technology (IIT) Madras
Graduation Year: 2018

SKILLS

- ***Programming Languages***: Python, R, Java
- ***Machine Learning Frameworks***: TensorFlow, PyTorch, Scikit-Learn
- ***Data Analysis***: Pandas, NumPy, Matplotlib, Seaborn
- ***Cloud Platforms***: AWS SageMaker, Google Cloud AI, Azure ML
- ***Tools***: Jupyter Notebook, Docker, Kubernetes, Git
- ***Deep Learning***: Neural Networks, CNNs, RNNs, NLP
- ***Model Deployment***: Flask, FastAPI, Docker Containers

CERTIFICATIONS

- AWS Certified Machine Learning Specialty
- TensorFlow Developer Certification
- Google Cloud Professional Data Engineer

ADDITIONAL INFORMATION

- Languages: English, Hindi
- Interests: Deep learning research, Kaggle competitions, and AI ethics discussions.

WORK EXPERIENCE

AI/ML Engineer

InnovativeAI Solutions, Bengaluru, Karnataka

July 2018 – Present

- Designed and deployed machine learning models for predictive analytics, achieving a 20% improvement in accuracy.
- Developed and optimized deep learning models for image classification and natural language processing (NLP).
- Deployed ML models using AWS SageMaker and Docker for production-ready solutions.
 - Built data pipelines to preprocess and analyze large datasets using Pandas and NumPy.

Machine Learning Intern

AIWorks Technologies, Hyderabad, Telangana

May 2017 – August 2017

- Assisted in training and validating ML models for customer sentiment analysis.
- Implemented data preprocessing scripts to clean and prepare datasets for model training.
 - Deployed machine learning models using Flask APIs for proof-of-concept projects.

PROJECTS

Image Classification System

- Built and deployed a convolutional neural network (CNN) model to classify images with 95% accuracy using TensorFlow and AWS SageMaker.

NLP-based Sentiment Analysis

- Developed an NLP pipeline to analyze customer reviews using Python and deployed it via Flask for real-time predictions.