AMRUTA PURANDARE

SUMMARY

- 15+ years of diverse experience across R&D (7 yrs), Corporate IT (5 yrs) and Startup Ventures (5 yrs)

- Leadership Roles: Sr Manager at Cognizant, Associate Director at Happiest Minds, Principal Data Scientist at Make My Trip

- Notable Clients: ESPN, Warner Music, Godrej

- Hands on expertise on Multimedia projects involving Audio, Video, Image, Text, Dialogs

- Build products & services that showcase creative ideas and latest technology trends

- Key Areas: Computer Vision, Image Processing, Video Understanding, AI, Machine Learning, Computational Music, Deep Learning

ACADEMICS

Masters in Computer Science
University of Minnesota, USA

Software Intern at Amazon.com
Headquarters in Seattle, WA

Bachelors in Computer Engineering
Pune University, India

Research Intern at Sony, Japan
R&D Team based in Tokyo

Best Outgoing Student selected
from the class of 2002 based on
academics & extra-curriculum

Research Paper on Humor Analysis
in FRIENDS dialogs.. International
Conference (EMNLP) held in Sydney

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- Mentoring & guiding junior team members, to resolve any issues or challenges faced during development and deployment

- Preparing & presenting project proposals by outlining the scope of work, project timeline, budget, team structure and solution architecture

- Design Solution Architecture by researching latest coding platforms, tools & libraries to solve given use-cases efficiently & accurately

- Work closely with business development, sales, marketing teams to ensure projects are aligned with overall corporate strategy

PORTFOLIO

ML Algorithms / Models	Datasets
Text Mining	Travel + Hotel Reviews
Image Classification	Food Images + Recipes
Object Detection	Sports & Action Videos
Activity Recognition	Dance & Fashion Show Videos
Audio Classification	Wild Life Documentary Films
Facial Landmark Points	Audio Files / Sound Tracks
Posture Detection	Comedy TV Shows
Generative AI	Video Games & Animation

TECH STACK

Amazon Web Services (AWS), Python, Jupyter Notebook, Google Colab, TensorFlow, Keras, OpenCV, Elastic Search, Kibana, Tableau, DynamoDB, JSON, REST APIs, Meta AI