

# YASH BHARAT THAKKAR

The University of Texas at Dallas – MS Business Analytics • +919428592101 • [yash.thakkar@utdallas.edu](mailto:yash.thakkar@utdallas.edu)  
<https://www.linkedin.com/in/yashthakk/>

## Career Overview:

Dynamic and award-winning Team Manager with over 6 years of experience at Amazon, specializing in Risk and Privacy, Workforce Management (WFM), and People Management. Adept at solving real-world business challenges using analytics and visualization tools. Certified PMP Project Manager by Google, with a strong ability to translate business specifications into technical requirements, streamline existing processes, and deliver user-centric solutions. Passionate about promoting diversity and volunteering within teams. Currently pursuing a Masters in Business Analytics from the University of Texas at Dallas.

## Education:

**Master of Science in Business Analytics**

*August 2024 – August 2026*

**Institute: The University of Texas at Dallas – United States of America**

**Bachelor's in Technology (B.Tech), Electronics and Communications Engineering, (7.93)**

*June, 2013- March, 2017*

**Institute: Ganpat University - India**

## Work Experience:

**Team Manager, Amazon, Chennai**

*Dec, 2018 - Nov, 2023*

- Developing Alexa's Machine Learning model, specializing in "Automatic Speech Reorganization" and "Natural Language Understanding" (ASR, NLU).
- Communicated complex machine learning solutions and concepts to diverse group of business stakeholders in clear, concise language.
- Worked with CPM team to introduce agile tagging tool, AHK, which improves AHT, Quality by 13% at workflow level at APAC and EMEA.
- Owner of SENSAT (Secure system), ideation and implemented SENSAT secure system to ensure Risk and Privacy of customer labelled data. This improved ADS business by 230MM data which yield ~\$30K. **Received award from Amazon Tech Director for the same.**
- I act as on-boarding manager + Hiring manager, have on-boarded 300+ Associates-Manager combination, where my role is onboard them on day 1, orient on basic company policies + IT setup.
- Created various centralized dashboards for sharing/ viewing KPIs at various business levels; VP level, Manager level, Associate Level. Sample – Scorecard, Adherence Monitorization.
- Managed program roadmap for improving quality of ground truth labelling platform for Alexa domain teams with yearly transactional volume of 300MM in Alexa Automatic Speech Recognition (ASR), Natural language understanding (NLU) and GSR, and ~50 associates across 12 languages and 2 Sites.
- **Program Manager for AITC (Amazon in the Community), IND.** – Here I plan for CSR events throughout year, I have been **appreciated by Jeff Bezos** in global newsletter for running the show in India during GMV.

**Jr Research and Development Engineer, Masibus, Gandhinagar**

*June, 2017- July, 2018*

- Developed and implemented design of PCBs with high-speed designs, DDR3 memory and USB 3.0 interfaces.
- Documented all aspects of the design process including component selection, schematic diagrams, BOMs.
- Created manuals and instructions regarding operation of electrical equipment and systems.
- Utilized CAD tools such as Altium Designer and PADS Professional for schematic capture and layout of PCBAs.
- Generated Gerber files that could be used to manufacture the PCB assemblies.
- Worked for Indian Space Research Organization (ISRO), Siemens and Toshiba.

**Graduate Intern, Flextronics, Chennai**

*Jan, 2017- April, 2017*

- Provided administrative support for various departments, including data entry and filing.
- Created detailed project plans outlining objectives, tasks, resources, timelines.
- Monitored machine performance during production cycles to identify potential issues early on.

**Winter Intern, India Institute of Management, Ahmedabad**

*Dec, 2015- March, 2016*

- During my internship period I worked on merchandising for sports teams
- And the things I did were as mention below: Did research on sports marketing and merchandising from online and offline sources
- Synthesized the material and compiled a report.

## **Projects:**

### **Automatic Speech Generation (ASR) to Text Convertor - Alexa Machine Learning**

*Jul, 2019 — Oct, 2020*

- The project focused on enhancing speech-to-text conversion in Alexa's ecosystem through a state-of-the-art Automatic Speech Recognition (ASR) system. Utilizing TensorFlow and PyTorch for deep learning, Python for programming, and employing DNNs for the Acoustic Model, RNNs or Transformers for the Language Model, along with AWS for scalable infrastructure, the project aimed to optimize user interaction with Alexa-enabled devices. Auto-hot Key Scripting was integrated for specific functionalities.

### **SENSAI Software for Secure Compliance - For Alexa Data - APAC, EMEA and Americas**

*Jan, 2022 — Nov 2023*

- The SENSAI Laptop Deployment project focuses on provisioning and securing laptops for organizational use, emphasizing enhanced risk and compliance measures. The initiative includes laptop provisioning, security configuration, compliance policy development, encryption implementation, endpoint security, user authentication enhancements, secure remote access, and risk assessment. Tools like JIRA, Asana, Microsoft Word, SharePoint, Confluence, ACME for Endpoint Security, and AWS for IAM support project objectives.

## **Independent Coursework:**

Machine Learning for Voice, Deep Learning Specialization, Google Data Analytics, Text Summarization using Natural Language Processing, Prompt Engineering, Generative AI for Project Managers, SQL, Design and Analysis.

## **Skills and Expertise:**

- **Technical Skills:** Machine Learning, C, Python, SQL, Data Mining using Excel, Java, Microsoft Office, VBA, Quicksite Dashboard, Confluence, AWS, Web-Scrapping, Project Management.
- **Organizational Skills:** Public Speaking, Stakeholder Management, Hiring Manager/ On-Boarding, CSR Project Manager, Poster Designing, Team Management, Active Listening.

## **Extra-Curricular Activities**

- Professional Footballer, currently captaining Amazon Chennai FC, since last year we have won 9 corporate trophies. Represented Gujarat in under-12 back when I was in school.
- Professional Karata coach, black belt holder, won Silver in National level tournament.
- Project Manager for Amazon In The Community, corporate social responsibility wing, leading Chennai chapter by planning various activities and unique events to inculcate volunteerism.
- Intermediate flute player.

## **Volunteer Experience:**

- Class-Chats – Is a program which helps unprivileged kids especially who wants to pursue STEM in future, I am facilitating speech, lectures, motivational journey seminars for those kids, I have completed over 80 class-chat class and one of my class chats was featured in new channel.
- Quarterly blood donation camp for cancer patients, I bridged gap between “Cancer Institute Chennai” where I ensured to conduct blood-donation from Amazonian. Due to my constant support, my team and I received appreciation from “Government of Chennai” as best corporate CSR team.
- To increase overall volunteerism, my team and I came with “Global Month of Volunteering” where we celebrate September month as month of volunteering, this idea was taken by globally by world-wide communications team and that was made as global event in amazon. Over 1500+ different activities and over 50K unique volunteers participated and made it a huge success, I also got appreciation from Jeff Bezos and Andy Jazzy for going above and beyond via world-wide newsletter.

## **Honours and Awards:**

- Amazon certified – Risk and Privacy Manager, multiple times awarded as star-performer and best manager.
- Stood 1st in Analog Circuit Maker 2015 by Texas Instruments.
- LIMCA Book of record holder.
- Presented Paper in All India seminar on "INTERNET OF THINGSTRENDS THAT AFFECT LIVES" organized by The Institute Of Engineers (India), in associated with NASSCOM, Department of IT Gov. of India.
- Google PMP Certified with Capstone Project.