

DHRUV MEHTA

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Visa: Valid Japanese Work Visa (3-year residence)

Location: Aichi, Japan | **Nationality:** Indian

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PROFILE SUMMARY

Results-driven Information Science graduate with hands-on experience across AI, data engineering, and cloud systems. I am a collaborative professional who enjoys contributing to high-energy teams, having balanced technical studies with impactful involvement in university initiatives—serving as the President of the Science and Space Club and a Gaming Team Leader for state-level competitions. Focused on building real-world solutions at the intersection of AI and cloud infrastructure while actively adapting to global professional environments. Currently based in Japan with a valid work visa and experience adapting to a Japanese professional environment.

PROFESSIONAL EXPERIENCE

Full Stack Engineer

Feb 2026 – April 2026

MapQuest Co., Ltd. | Aichi, Japan

- Adapted to a Japanese corporate environment, gaining experience in structured workflows, reporting standards, and team collaboration.
- Worked with existing systems to understand product architecture and support minor enhancements, reviews, and issue resolution.
- Developed strong documentation and communication skills, including preparing materials in both English and Japanese.
- Strengthened problem-solving through requirement-based tasks, debugging scenarios, and internal support exercises.
- Built a disciplined work approach with attention to detail, clarity, and proactive learning.

Cloud Application, Architecture & AI Intern

Oct 2024 – July 2025

Unisys | Bengaluru, India

- Built an AI-driven ICM system using Prophet, PySpark, and Databricks for cloud cost optimization.
- Developed Generative AI solutions and Agentic RAG systems to enhance automated data retrieval and reasoning.
- Deployed an OCR + LLM Paper Evaluation System using FastAPI and Tesseract for automated scoring.
- Developed a Data Governance POC on Microsoft Purview (Business Glossary, APIs, and lineage).
- Conducted cloud cost analysis for AWS OpenSearch and recommended architectural improvements.
- Built ETL pipelines using Azure Data Factory (ADF) and Databricks with Azure Blob Storage.
- Monitored infrastructure health through Grafana dashboards.

SKILLS

Cloud Platforms: AWS, Azure (ADF, Purview), GCP, Databricks, Snowflake
AI & ML: GenAI, Agentic RAG, LLMs, Prophet, Tesseract OCR, PySpark
Backend: Python, SQL, C# (basic), FastAPI, Docker, Streamlit
Tools: Grafana, Git, Microsoft Purview, AWS Pricing Calculator

EDUCATION

B.E. Information Science Engineering (CGPA: 8.7)

2020 – 2024

New Horizon College of Engineering (NHCE), Bangalore

BS Data Science & Applications

Ongoing

Indian Institute of Technology Madras (IIT Madras)

CERTIFICATIONS & VOLUNTEERING

Certifications:	IBM SkillsBuild – Artificial Intelligence Fundamentals AWS DevOps Foundations – CI/CD & Cloud Practices Google Cloud – Digital Transformation & Cloud Fundamentals Scaler – Python for Beginners Microsoft Learn – Azure Data & Cloud Fundamentals Introductory exposure to .NET / C# Fundamentals
Extracurriculars:	President of Science and Space Club, Gaming Team Leader (State Champion)
Volunteering:	Google Maps Local Guide (Level 6), NASSCOM Foundation Volunteer
Languages:	English, Hindi, Kannada, Japanese (JLPT N5 completed; targeting N3 in Dec)