

HARSH GUJARATI

Boston, MA | 857-565-9619 | [Email](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

Master of Science in Information Systems, Northeastern University, Boston

May 2027

Bachelor of Engineering in Information Technology, Mumbai University, Mumbai

May 2024

WORK EXPERIENCE

Data Analyst Intern, Nation First International

Sep 2024 - Nov 2024

- Designed 8 Power BI dashboards tracking 25+ KPIs for C-suite executives and developed weekly reports using Python and Excel, streamlining reporting processes and enabling faster executive decision-making
- Queried 500K+ transactional records using SQL and Python to identify supply chain inefficiencies and customer segments, delivering actionable insights that supported inventory optimization across 3 business units
- Cleaned and preprocessed raw datasets by handling missing values, removing duplicates, and standardizing formats to ensure data accuracy before analysis

Data Operations & Analytics Coordinator, Burpshy

Jan 2023 - Dec 2023

- Evaluated recruitment data from 7 job portals covering 10,000+ candidates to identify top-performing sourcing channels, enabling data-driven budget reallocation that reduced hiring costs
- Built Excel reports and Power BI dashboards tracking 15 hiring metrics, reducing average time-to-hire from 45 to 32 days and providing leadership with real-time visibility into recruitment pipeline
- Coordinated with hiring managers across departments to understand recruitment needs and align sourcing strategies with business hiring goals

Web Developer Intern, Devika Rubber Works

May 2022 - Jun 2022

- Developed a company website from scratch using HTML, CSS, and JavaScript, collaborating with a team to gather requirements from the owner and successfully launch the site
- Created product pages with images and descriptions and implemented a contact form to enable customer inquiries and improve business accessibility online

PROJECTS

AtliQ Hospitality Revenue Analytics Dashboard | Power BI, DAX, SQL

- Analyzed 134,590 booking records across 25 properties in 4 cities to identify revenue trends, uncovering insights on occupancy rates (57.8%) and realization rates (70.1%) for capacity optimization
- Constructed interactive Power BI dashboard using star schema with 20+ DAX measures (RevPAR, ADR, DSRN), enabling week-over-week trend analysis across 7 booking channels

Airline Management System | SQL, MySQL | [GitHub](#)

- Modeled relational database with 10 normalized tables managing travelers, flights, reservations, payments, and crew assignments using MySQL
- Implemented stored procedures, triggers, and user-defined functions to automate booking workflows, payment validation, and revenue calculations

House Price Prediction | Python, Scikit-learn, ML | [GitHub](#)

- Processed Bengaluru housing dataset of 13,320 properties, implementing data cleaning pipelines to handle null values, standardize 1,300+ locations, and remove outliers
- Trained Linear Regression, Lasso, and Decision Tree models using K-fold cross-validation (k=5), achieving 81.8% accuracy through GridSearchCV optimization

AR Art Home Decor | Python, MySQL, Unity | [Publication](#)

- Engineered AR mobile application using Unity for real-time furniture visualization, improving online shopping experience and purchase confidence
- Integrated MySQL database to track user preferences and optimized 3D models for mobile rendering, enabling personalized recommendations

TECHNICAL SKILLS

Programming: Python, SQL, Java, C, C++, JavaScript, HTML/CSS

Libraries & Tools: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Power BI, Tableau, Excel, Git/GitHub

Database Management: MySQL, NoSQL, RDBMS

CERTIFICATIONS

- Microsoft Certified:** Power BI Data Analyst Associate
- Oracle Certified:** Oracle AI Vector Search Certified Professional
- Oracle Certified:** Generative AI Professional

Dec 2024 - Dec 2026

Oct 2025 - Oct 2027

Oct 2025 - Oct 2027