

# HARSH GUJARATI

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

## EDUCATION

<b>Master of Science in Information Systems</b> , Northeastern University, Boston	May 2027
<b>Bachelor of Engineering in Information Technology</b> , Mumbai University, Mumbai	May 2024

## WORK EXPERIENCE

<b>Data Analyst Intern</b> , Nation First International	Sep 2024 - Nov 2024
<ul style="list-style-type: none"><li>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</li><li>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</li><li>Cleaned and preprocessed raw datasets by handling missing values, removing duplicates, and standardizing formats to ensure data accuracy before analysis</li></ul>	
<b>Data Operations &amp; Analytics Coordinator</b> , Burpshy	Jan 2023 - Dec 2023
<ul style="list-style-type: none"><li>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</li><li>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</li><li>Coordinated with hiring managers across departments to understand recruitment needs and align sourcing strategies with business hiring goals</li></ul>	
<b>Web Developer Intern</b> , Devika Rubber Works	May 2022 - Jun 2022
<ul style="list-style-type: none"><li>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</li><li>Created product pages with images and descriptions and implemented a contact form to enable customer inquiries and improve business accessibility online</li></ul>	

## PROJECTS

<b>AtliQ Hospitality Revenue Analytics Dashboard</b>   Power BI, DAX, SQL	
<ul style="list-style-type: none"><li>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</li><li>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</li></ul>	
<b>Airline Management System</b>   SQL, MySQL   <a href="#">GitHub</a>	
<ul style="list-style-type: none"><li>Modeled relational database with 10 normalized tables managing travelers, flights, reservations, payments, and crew assignments using MySQL</li><li>Implemented stored procedures, triggers, and user-defined functions to automate booking workflows, payment validation, and revenue calculations</li></ul>	
<b>House Price Prediction</b>   Python, Scikit-learn, ML   <a href="#">GitHub</a>	
<ul style="list-style-type: none"><li>Processed Bengaluru housing dataset of 13,320 properties, implementing data cleaning pipelines to handle null values, standardize 1,300+ locations, and remove outliers</li><li>Trained Linear Regression, Lasso, and Decision Tree models using K-fold cross-validation (k=5), achieving 81.8% accuracy through GridSearchCV optimization</li></ul>	
<b>AR Art Home Decor</b>   Python, MySQL, Unity   <a href="#">Publication</a>	
<ul style="list-style-type: none"><li>Engineered AR mobile application using Unity for real-time furniture visualization, improving online shopping experience and purchase confidence</li><li>Integrated MySQL database to track user preferences and optimized 3D models for mobile rendering, enabling personalized recommendations</li></ul>	

## 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

• <b>Microsoft Certified:</b> Power BI Data Analyst Associate	Dec 2024 - Dec 2026
• <b>Oracle Certified:</b> Oracle AI Vector Search Certified Professional	Oct 2025 - Oct 2027
• <b>Oracle Certified:</b> Generative AI Professional	Oct 2025 - Oct 2027