

# Mohammed Hamiz K

Entry-Level Data Analyst | Python | SQL Developer | Power BI

Arabic College, Bangalore - 560045 | [kattekarhamiz25@gmail.com](mailto:kattekarhamiz25@gmail.com) | [linkedin.com/in/mohammedhamizk](https://www.linkedin.com/in/mohammedhamizk) |

+91 9444200548 | [Github.com/MohdHamizK](https://github.com/MohdHamizK) | <https://Hamizportfolio.com> |

## SUMMARY

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Detail-oriented Computer Science graduate with 3 internships and hands-on experience in SQL, Power BI, Dataiku DSS and Tableau. Experienced in Data Analysis, MI Reporting, CTE, Data Collection, Troubleshooting, Issue Resolution, Technical Support, Reporting Automation, Client Documentation, Data Handling, Explaining Technical Concepts, Data-driven Thinking, building AI assistants, forecasting models and dashboards using Power BI and Dataiku DSS. Familiar with modern data stack tools like Snowflake and data model tools, Cloud Platforms (Azure, GCP), UNIX/Linux environments, and scripting languages like Python, Perl, and Go. Proven track record of driving efficiency and insights from 60,000+ data records.

## PROFESSIONAL EXPERIENCE

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### Data Analysis Intern | Python, SQL, Excel | Data Projects

May 2025 - June 2025

*Heal Bharat AICTE*

*Maharashtra*

- Performed exploratory data analysis using Python libraries to identify 3 top-selling products (20% of SKUs contributed to 65% of revenue) and customer behavior, enabling data-driven inventory and marketing decisions using principles of the Software Development Life Cycle (SDLC).
- Researched HIPAA and DISHA compliance standards and created a detailed audit framework, including system flowchart, threat checklist, and 15+ security recommendations; delivered high-quality technical documentation for secure data handling in clinical systems.
- Engineered a regression predictive machine learning model using end-to-end real-time clinical data to forecast patient recovery timelines with 87% accuracy, helping improve treatment planning and hospital resource management; integrated key performance indicators, unit testing to validate model performance and ensure robust outputs.

### Data Analysis Intern | Python, SQL, Excel | Data Projects

March 2025 - Apr 2025

*Cognifyz Technologies AICTE*

*Maharashtra*

- Extracted actionable Business Analytics insights from over 15,000+ restaurant records using Python (Pandas, NumPy), identifying top 3 cuisine categories influencing average order value; followed market research, object-oriented programming principles to structure reusable data processing modules.
- Automated daily reporting workflows using Python and Excel, cutting manual reporting time by 60% and improving delivery consistency while applying Agile development practices for iterative script enhancements based on user feedback.
- Detected and resolved data quality issues with an accuracy improvement of 25%, directly improving stakeholder trust in dashboards by implementing version control and collaboration workflows using Git for issue tracking and code validation.

### Web Developer Intern | React | Data & Web Projects

Apr 2023 - May 2023

*Operate Live Pvt. Ltd.*

*Bengaluru*

- Conducted QA testing on 50+ product features and documented 25+ unique bugs, accelerating issue resolution by 20% during development sprints; contributed to test automation framework enhancements and ensured test coverage.
- Led frontend development of a social platform prototype for 200+ users, collaborating across teams and maintaining communication and teamwork best practices throughout the UI/UX iteration cycle.
- Improved page loading speed and layout responsiveness by 30% through coordination with design and backend teams, integrating object-oriented programming (OOP) concepts and SDLC phases from design to deployment.

## EDUCATION

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### Anna University - Vel Tech Multi Tech Engineering College

**Chennai**

*B.Tech Computer Science and Business Systems*

*Graduation Date: May 2025*

### Adarsh Matriculation Higher Secondary School

**Vellore**

*SSLC - 75.4%, HSC - 83.3%*

*Graduation Date: April 2021*

## INDUSTRY PROJECTS

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### **Rexiz – Personal AI Assistant** | *Python, OpenAI API, Speech Recognition, TextToSpeech, VS Code*

[GitHub](#)

- Developed a voice-activated assistant that automated tasks and retrieved real-time data
- Integrated OpenAI and Weather APIs to deliver contextual voice responses, reducing response latency by 30%.
- Applied AI automation to system-level commands and web functions

### **WatchBox Web Project** | *HTML, CSS, JavaScript*

[GitHub](#)

- Updates button icon (Font Awesome) and visual style (active class) based on playback status.
- Implemented dataset.action to dynamically switch between play/pause states.
- Includes prev/next buttons (seek  $\pm 10$  seconds), (play/pause), and resets UI when video ends.

### **Data Analysis With Python** | *Python, Pandas, NumPy, Matplotlib, Seaborn*

[GitHub](#)

- Business Analysis of 60,000+ sales records to uncover seasonal buying patterns, peak revenue products, and customer lifetime value across categories.
- Presented actionable Business Intelligence to marketing stakeholders revealing a 22% sales under-performance in accessories, enabling strategic budget reallocation across marketing channels.

## TECHNICAL SKILLS

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**Programming Languages:** Java, Python, C, HTML, CSS, JavaScript, Node.js, Go, Perl

**Database Design :** ER Diagrams, Star Schema, Normalization (1NF, 2NF, 3NF)

**Databases:** MySQL, PostgreSQL, MSSQL, Oracle SQL

**Operating Systems:** Linux (Ubuntu, CentOS), UNIX, Windows

**Version Control Systems:** Git, GitHub, GitLab

**Testing Tools:** JUnit, PyTest, Selenium (familiarity)

**IDE & Editors:** IntelliJ IDEA, VS Code, Eclipse, Jupyter, PyCharm,

**Conceptual Knowledge:** Algorithm Design, Computer Architecture, Data Structures

**Scripting & Shell:** Bash, Command Line Tools

**Documentation & Collaboration:** Confluence, JIRA, Microsoft Office Suite

**Py Libraries:** pandas, NumPy, Matplotlib, SeaBorn, Scikit-Learn.

**Frameworks:** SpeechRecognition, OpenAPI, Text-to-Speech (TTS), Streamlit.

**Developer Tools:** Power BI, MS Excel (Advanced – Pivot Tables, Charts, VLOOKUP), Power Query, MS Word, GitBash, GCP, Azure.

## CERTIFICATIONS

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- **Java 17** – Udemy [View Certificate](#) |
- **Python for Data Science** – Udemy [View Certificate](#) |
- **Dataiku Core Designer** - Dataiku Academy [View Certificate](#) |
- **Deloitte Data Analytics Job Simulation** [View Certificate](#) |
- **DATAKOM** – Introduction to Cloud [View Certificate](#) |
- **Gemini Data Analysis** – Cloud Skills Boost [View Certificate](#) |
- **Postgre SQL, MSSQL, MySQL & Oracle SQL** – Udemy [View Certificate](#) |

## SOFT SKILLS & INTERESTS

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- **Multilingual :** Fluent in English, Hindi, Tamil and Urdu.
- Adapted quickly to new tools, Agility and Frameworks through continuous learning.
- Problem-Solving | Cross-Team Communication | Team Player | Self-Starter | Adaptability | Quick Learner | Attention to detail | cross-functional | Spearheaded | Hybrid Work Model & Day Shift Flexibility.
- Helping peers learn analytical tools, self-paced learning, integrating into new work environments and capable of data-driven decision making.