

Karthikeya Turlapati

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PROFESSIONAL SUMMARY

Detail-oriented analyst with hands-on experience using SQL, Python, Excel, and Power BI to analyze data, validate information, and generate actionable business insights. Experienced in working with large datasets, identifying trends, improving analytical workflows, and building data-driven solutions that support decision-making and operational efficiency. Strong analytical, problem-solving, and communication skills with experience collaborating across product, engineering, and business teams to deliver accurate, high-quality outcomes.

EDUCATION

Bachelor of Technology (Electrical and Electronics Engineering.) 2020 - 2024
Amrita School of Engineering, Bengaluru Grade: 7.98/10.0

Intermediate (Class XII) 2018 - 2020
Narayana Jr. College Grade: 87.6%

Matriculation (Class X) 2017 - 2018
Narayana e-techno school Grade: 8.8/10.0

INTERNSHIPS

Business Analyst Intern September 2025 - April 2026
Lissen.io Nagpur

- Supported the transformation of a 3–4 day manual Excel-based analysis process into a self-serve analytical workflow, significantly improving turnaround time and operational efficiency across recurring client engagements.
- Conducted research, competitor analysis, and data validation to identify key employee experience drivers, enabling clients to prioritize critical improvement areas through data-driven decision-making.
- Worked with large-scale employee survey datasets to clean, transform, validate, and analyze data using Python, ensuring reliable inputs for client-facing analytics solutions and reporting.
- Collaborated with Product and Engineering teams to operationalize analytical solutions within the QaizenX platform, improving the scalability and consistency of recurring client reporting workflows.
- Delivered analytical outputs, visualizations, and recommendations that helped clients uncover trends, evaluate employee sentiment patterns, and support business improvement initiatives.
- Performed end-to-end QA testing and validation of the LissenX platform during development, identifying functional issues and contributing to product improvements before release.

3D Graphic Software Intern October 2023 - September 2024
aiRender Remote

- Created 3D assets in Blender, enhancing realism for 2 VR applications.
- Designed UI for the hiRender VR app, improving UX for smoother interactions.
- Implemented pixel streaming from Unreal Engine to client devices, enabling low-latency real-time interaction with 3D applications via web browsers, improving user engagement in VR environments.

PROJECTS

Driver Impact Analysis System — Python, SQL, PHP February 2026

- Built an upload-and-generate workflow for driver impact analysis, reducing a 3–4 day manual Excel process to a self-serve workflow generating outputs within seconds.
- Conducted research and competitor analysis before designing a prioritization framework using Dissatisfaction and Driver Strength metrics.
- Developed scatter plot visualizations and analytical outputs to help clients identify critical problem areas and prioritize actions.
- Integrated analytical logic into the QaizenX platform by developing backend PHP components and optimizing API performance, reducing response time from 14s to 8s (43% improvement).

Employee Burnout Risk Classification — Python November 2025

- Designed a classification workflow segmenting employees into Low, Medium, and High risk groups using survey and performance data.
- Analyzed patterns across role, region, and performance dimensions to identify key business metrics and high-risk segments.
- Generated decision-oriented recommendations to support intervention planning.

Amazon E-Commerce Performance Analysis ([Github](#)) ([Demo](#)) August 2025

- Analyzed 113K+ e-commerce transaction records to identify revenue drivers, seasonal trends, and customer behavior patterns.
- Built interactive Power BI dashboards with KPIs to monitor revenue, delivery times, return rates, and loyalty tiers.
- Derived insights such as May–June peak sales, Platinum/Silver tiers driving majority of revenue, and fast-growing subcategories like Vitamins & Medical Supplies.
- **Tools Used:** Power BI (Dashboards, DAX, Visuals), SQL, Excel

CERTIFICATIONS

Professional Certificate Course in Data Science Newton School February 2025
Trained in Excel, SQL, and Power BI with project experience in insights and dashboarding.

IBM Data Science Program – Simplilearn (2024) Simplilearn ([Link](#)) June 2024
Learned Python, SQL, visualization.

SKILLS

Computer Language: Python, SQL

Soft Skill: Communication Skills, Leadership, Problem-Solving, Research, Teamwork

Databases & Data Tools: Excel, MySQL, Power BI, Tableau

APIs & Testing: API testing

Domain & Business Skills: Analytics

Frameworks & Libraries: Matplotlib & seaborn, NumPy, Pandas