INDUPALLI ENOSH

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SUMMARY

Highly motivated and detail-oriented data and software engineer with a strong focus on building scalable, automated, and user-friendly systems that deliver critical insights into customer feedback and product performance. Experienced in developing real-time dashboards and automated reports that enable data-driven decision-making across operations, business, economist, and machine learning (ML) teams.

Skilled in defining and implementing Key Performance Indicators (KPIs), improving data infrastructure, and automating end-to-end data pipelines that support high-impact applications and ML models. Adept at translating large and complex datasets into useful insights using strong analytical, statistical, and problem-solving skills.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript, HTML, CSS
- **Frontend Frameworks & Libraries**: React, Vue, Angular
- **Build & Packaging Tools**: Webpack, Rollup, Babel, Gulp, AST
- **Core Web Concepts:** Functional Programming, Asynchronous Programming, Closures, Typing Systems
- **UI/UX & Design**: Layouts, CSS Specificity, Animations, Cross-browser Compatibility
- **Architecture & Protocols:** Multi-tier Application Architecture, Web Protocols (HTTP/S, REST APIs)
- **Development Tools & Practices:** Version Control (Git, GitHub), Familiarity with SDLC and Product Development Lifecycle

PROJECTS

Project 1: E-commerce Sales Performance Dashboard

Tools: SQL, Tableau, Excel, Python (Pandas), Git

Description:

Developed a dynamic BI dashboard to analyze sales performance for an online retail store.

- Collected and cleaned transactional data from multiple sources (orders, customers, inventory) using SQL and Python.
- Designed an automated ETL pipeline to update sales data daily.
- Created interactive Tableau reports to track KPIs including total sales, customer acquisition, average order value, and product returns.
- Implemented visual drilldowns by category, region, and marketing channel for deeper insight.
- Improved reporting speed by optimizing SQL queries and applying data modeling best practices (star schema).

Impact: Enabled business teams to monitor performance in real-time and make informed decisions on pricing and promotions.

Project 2: Healthcare Patient Analytics Dashboard

Tools: SQL, Tableau, Python, Excel, Git
Description:
Built a BI solution to track and visualize patient intake, diagnosis trends, and doctor performance for a mid-sized healthcare provider.

- Extracted and integrated patient visit, diagnosis, and treatment data from EMR systems.
- Cleaned and transformed datasets using Python and SQL for accuracy and consistency.
- Created Tableau dashboards to monitor patient flow, top diagnoses, treatment duration, and physician workloads.
- Defined and reported KPIs such as average wait time, patient satisfaction score, and treatment success rate.
- Ensured HIPAA compliance by anonymizing sensitive data before visualization.

Impact: Helped healthcare administrators identify bottlenecks, allocate staff effectively, and improve patient care quality.

EDUCATION

Master of Science in Information Technology **Aug 2023 - Present**
University of Central Missouri
- Comprehensive education aimed at equipping students with technical skills. • Knowledge to succeed in the dynamic IT industry.

Bachelor of Technology in Computer Science **Aug 2019 - Apr 2022**
Mic College of Technology
- The curriculum emphasizes innovation, problem-solving.