SANGHAVI KANDUKURI

https://www.linkedin.com/in/sanghavi-kandukuri// |sanghavikandukuri@gmail.com |

SUMMARY

Analytical and detail-oriented IT graduate with hands-on experience in data analysis, visualization, and full-stack web development. Proficient in Python, SQL, Power BI, and Django with a strong foundation in database design, data security, and storytelling through dashboards. Skilled in Agile methodologies, sprint planning, and cross-functional collaboration. Passionate about transforming data into meaningful insights to drive smart decision-making and business value..

EDUCATION

Master of Science – Information Technology   **Aug 2023 - May 2025**
University of New Hamshire – Manchester,NH   GPA - 3.51
Bachelors of Technology – Electrical and Electronics Engineering   **Aug 2019 - May 2023**
Lakireddy Bali Reddy College of Engineering, India   GPA - 3.6

SKILLS

• **Programming and Development**: Python, Django, HTML, CSS, Pandas, NumPy
• **Database and Data Analytics:** SQL (joins, subqueries, window functions), MySQL, Power BI (DAX, KPI Cards, Custom Tooltips, Slicers, Conditional Formatting, Drillthrough), Excel (Pivot Tables, VLOOKUP, Charts, Data Cleaning, IF formulas, Conditional Formatting)
• **Software Testing:** Manual Testing, Selenium, Test Case Design, Bug Tracking
• **Agile and Project Management:** Scrum Master, Jira, Trello, Sprint Planning, Daily Standups
• **DevOps and Tools:** Git, GitHub, Docker (familiar), PyCharm, Visual Studio Code, Linux/Unix (basic)
• **Cloud and Hosting:** AWS (file hosting, deployment), Firebase (basics)
• **Technical Documentation**: ER Diagrams, DDL Scripts, Test Reports, User Documentation
• **Soft Skills:** Communication, Teamwork, Problem Solving, Adaptability, Time Management
• **Adaptability:** Willingness to learn anything which needs to be improved according to company requirements**.**

PROFESSIONAL EXPERIENCE

1. SCRUM Master – NECHker Chatbot Project   **Jan 2025- May 2025**
University of New Hamshire   **Manchester,NH**
   - • Led Agile sprints and managed Jira boards for "NECHEcker," an AI-powered chatbot that verifies NECHE and UNH syllabus compliance.
   - • Coordinated team efforts to extract text from PDF and Word documents using pdfplumber, python-docx, and pytesseract OCR fallback.
   - • Designed and implemented OpenAI embedding and Chroma-based vector storage for semantic text retrieval.
   - • Integrated GPT-4 Turbo for generating personalized compliance reports with downloadable results.

2. Automation and Data Intern   **June 2022 – Aug 2022**
Indwell Automation   **Mangalore,Karnataka**
   - Designed and tested PLC logic while collecting operational data to analyze system performance and identify automation bottlenecks.Used Excel for logging sensor data, performing basic trend analysis, and generating maintenance reports for team review.
   - Analyzed spending behavior across months, highlighted India-specific travel and event spending, and implemented drillthroughs for category-level insights..

PROJECT EXPERINCE

Data-Driven Personal Finance Dashboard – Power BI Project   **May 2025**
   - Designed and developed an interactive Power BI dashboard using real-life financial data from Aug 2023 to May 2025, tracking income, expenses, savings, and life events. Built dynamic KPI cards, slicers, trendlines, and custom tooltips using DAX and conditional formatting for deep-dive insights and visual storytelling.
   - Analyzed spending behavior across months, highlighted India-specific travel and event spending, and implemented drill throughs for category-level insights.

Interactive Bible Study App – Bible Quest   **Aug 2024 – Jan 2025**
   - Developed a full-stack web application using Django and React to support Bible study, quizzes, daily verses, and prayer request submissions. Designed and implemented a relational SQL database to store user accounts, quiz data, prayer requests, and verse history.
   - Structured database tables with proper normalization, foreign key constraints, and custom queries for efficient data retrieval and reporting. Built an admin dashboard to manage quizzes, review prayer requests, and moderate user activity.

S.H.I.E.L.D. Database – Team Project   **Jan 2024 – April 2024**
   - Built a centralized SQL database system to manage superhero deployment and threat response operations, based on fictional MARVEL-style scenarios.Used Entity-Relationship Diagrams (ERD) and Data Definition Language (DDL) to structure data efficiently and ensure referential integrity.
   - Created advanced queries and reports to identify available heroes, associated villains, and threat response priorities using SQL.Simulated real-world database management and security practices, with a focus on clarity, maintainability, and structured access.

CERTIFICATIONS

| Microsoft Excel – Certified | Python Programming – NPTEL | Creative Problem Solving – Coursera |