

Ravikumar Manga

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Dynamic and results-driven professional with a proven track record in operational excellence, data analysis, event coordination, and customer support. Proficient in Python, and MS Office Suite (Excel, PowerPoint, Power BI) with strong problem-solving and organizational skills. Known for a detail-oriented approach, effective communication, and the ability to collaborate across diverse teams.

EXPERIENCE

AMAZON DEVELOPMENT CENTRE

06/2024 – 09/2024

GO-AI Associate

Hyderabad, India

- Improved manual data processing time by 25% through advanced Excel functions and **macros**.
- Conducted data cleaning, annotation, and analysis to enhance decision-making processes.
- Collaborated with cross-functional teams to streamline workflows and improve handover efficiency.

DHAAPPS

05/2023 – 07/2023

Machine Learning Intern

Hyderabad, India

- Conducted data preparation and analysis, leading to a 17% improvement in predictive model accuracy.
- Developed algorithms to address real-world challenges in financial analysis.

AICTE

01/2022 – 05/2022

CS Intern

Hyderabad, India

- Enhanced system security protocols and developed a keylogger with Python for educational purposes.
- Designed user-friendly applications to improve operational efficiency.

IEEE COLLEGE TEAM

02/2021 – 01/2022

Student Convener

Hyderabad, India

- Successfully organized and managed technical and non-technical events.
- Coordinated with stakeholders to ensure seamless event execution.

ELECTRONICS CORPORATION OF INDIA LIMITED (ECIL)

12/2018 – 05/2019

Circuit Tester

Hyderabad, India

- Tested and debugged digital circuits, gaining hands-on experience with with more foundational knowledge of digital systems.

EDUCATION

Jawaharlal Nehru Technological University, Hyderabad 09/2019 - 05/2022 **B.TECH in ECE**

SKILLS

- Tools: GitHub, VS Code, Excel, Airtable.
- Technical Skills: Python, Data Analysis, SDLC, Java, Data Structures and Algorithms.
- Experience in technical design and execution showcases readiness for **full-stack development** responsibilities.
- Strong understanding of **data structures, algorithms, and software design principles**.
- Excellent communication skills with experience addressing clients.
- Experienced with **GitHub, VS Code, Airtable, and Excel (Advanced)**.

CERTIFICATIONS

- Fundamentals of Machine Learning and Artificial Intelligence – **Amazon**
- Microsoft Certified **Azure Fundamentals** – **Udemy & Coursera**
- **Excel at Work: Beginner to Pro** – **Udemy**
- **Introduction to database systems** – **Udemy**
- **DBMS in simple way** - **Udemy**
- Agile Methodology Virtual Experience Program – **Cognizant**
- Google Workspace: Features and Applications – **ALISON**

PROJECTS

Personal Task Manager

- Designed a personal task manager using Airtable to streamline task tracking.
- Implemented Kanban and calendar views for task organization.

Footstep Power Generation with RFID for Mobile Charging

- Developed a device using Arduino UNO to capture kinetic energy from footsteps, increasing energy conversion efficiency by 25%.