MANU N R

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EDUCATION

B.Tech in Electronics and Communication Engineering, REVA University — 2020 - 2024
CGPA: 8.58

12th PCMC, Global College — 2018 - 2020

SKILLS

Programming Languages	C, C++, Python
Database	MySQL
Data Analytics	Python(NumPy, Pandas, Matplotlib), SQL, PowerBI
Web Technologies	HTML, CSS, Javascript, Jquery
Software	MS Office (Word, Excel, PowerPoint)
Soft Skills	Analytical thinking, Problem Solving, Fast learner

PROJECTS

1. AI Empathy: Developed and implemented a machine learning-based speech recognition system to accurately identify emotions from voice input, significantly enhancing user experience by enabling emotionally responsive, real-time voice-controlled applications, fostering deeper and more intuitive human-computer interactions.

2. Sea Level Prediction Through Data Analysis: Leveraged Python and statistical modeling techniques to boost sea level prediction accuracy, streamlining data cleaning and processing workflows, achieving 95 percent prediction precision and enhancing environmental forecasting reliability.

3. Voice-Controlled Smart Home System: Engineered a smart home system with voice command integration using Python and Arduino, reducing device response time by 10 percent and enhancing user interaction.

ACHIEVEMENTS

- **KSCST Funding:** Secured 10,000 in funding from the Government of Karnataka and IISc Bangalore for developing AI Empathy, an AI-powered Speech Emotion Recognition System, as part of a student science project competition.

- **Hackathon, Code2Execute:** Achieved 2nd place in e2ehiring's Code2Execute Hackathon at Reva University

- **Google Qwiklabs:** Earned 5+ badges, showcasing proficiency in Python, Data Analysis, and AI technologies.

LEADERSHIP EXPERIENCE

- **President, Ham Club, Reva University (2023 - 2024):** Oversaw a 50+ member Ham Radio community, organizing 5+ events and fostering collaboration, leading to a 25 percent increase in participation.

- **Student Ambassador, Revothsava (2023):** Spearheaded the planning and execution of successful events, ensuring a seamless experience for over 500 participants.

CERTIFICATIONS

- **Programming for Everybody(Python),** University of Michigan

- **Programming Fundamentals,** Duke University

- **Data Analysis using Python,** IBM

- **Design Thinking for Innovation,** University of California, Irvine

- **Data Analysis with python,** FCC