MANOJ B

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CAREER OBJECTIVE:

Motivated software enthusiast skilled in Python, web development, data analysis, and cloud fundamentals, seeking an opportunity to apply my technical abilities in building efficient, user-focused solutions. Eager to contribute to innovative projects, learn emerging technologies like AI and AWS, and grow into a reliable software professional.

EDUCATION:

BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT — **B.E in Electronics and Communication**
CGPA: 8.82(Pursuing) **YOP:** 2026

SRI SV NANAVATE PU COLLEGE — **PU/12th PCMB**
Percentage: 78 **YOP:** 2022

SRI SHYLESHWARA HIGH SCHOOL SANDUR — **SSLC/10th**
Percentage:89.03 **YOP:** 2020

SKILLS:

- **Programming:** Python (problem-solving, scripting, application development), JavaScript
- **Web Development:** HTML, CSS, JavaScript
- **Database:** MySQL (queries, joins, CRUD operations)
- **Data Analysis & Visualization:** Excel, Power BI (dashboards, insights)
- **Cloud:** AWS Cloud Practitioner (basic EC2, S3, IAM usage)

CERTIFICATION:

Python Programming Internship – EZTS Training & Technologies (Apr–May 2024)

Gained hands-on experience in problem-solving, Python fundamentals, and basic application development.

Web Development Certification – Shadow Fox (Aug–Sep 2025)

Completed practical training in HTML, CSS, JavaScript, and responsive web development with project implementation.

Data Analysis Internship – Cognifyz Technologies (Oct–Nov 2025)

Developed analytical skills through real-time data analysis, reporting, and professional task execution.

PROJECTS :

Travel Pay – Group Expense Sharing Web App – Developed a smart expense-splitting web application where one person pays and the amount is automatically distributed among group members. Implemented UI using HTML, CSS, and JavaScript to manage payments, shares, and notifications effectively.

Smart Building Automation System for Sustainable Infrastructure – Designed an IoT-based system using ESP32 and sensors to monitor energy usage and indoor air quality. Enabled automation of HVAC and other systems for sustainability with cloud logging and real-time monitoring.

Intelligent Solar Panel Cooling with IoT & AI Control – Created an IoT system to monitor solar panel temperature and automatically activate cooling systems. Integrated AI prediction to forecast temperature rise and trigger cooling in advance, improving energy efficiency by 12–18% and reducing thermal stress.

PERSONAL SKILLS

Innovative thinking • Problem-solving aptitude • Adaptability • Flexibility • Team collaboration