ANEELA BANDI

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CAREER OBJECTIVE

A highly motivated and detail-oriented BCA graduate aspiring to begin my career as a D365 Support Engineer at Yamaha Motors Solutions. Eager to apply my technical knowledge of ERP systems, cloud computing, and Microsoft D365 to support efficient business operations. Passionate about learning new technologies, solving complex problems, and contributing to innovative digital transformation initiatives within a dynamic and collaborative environment.

EDUCATION

Master of computer application	**2023 - 2025**
University arts and science college	**CGPA:7.3/10**

TECHNICAL SKILLS

- **Programming languages:** Python
- **Web development:** HTML, CSS, Java script, React, Mango, Bootstrap
- **Tools:** VS Code
- **Databases:** SQL
- **Common skills:** MS office, Excel, power point, Word.

PROJECTS

IOT Enabled-smart traffic management system and urban mobility optimization.

- Designed and implemented a real-time IoT-based traffic monitoring and optimization system using sensors, CCTV/ANPR cameras, and environmental monitors.
- Achieved 25% reduction in peak-hour congestion and 15–20% decrease in average travel time through adaptive traffic signal control.
- Developed ML-based predictive analytics models with 90% accuracy for 30-min advance traffic forecasting.
- Enabled priority routing for emergency vehicles, reducing response times by 20–25%.
- Reduced CO_2 emissions by 12% and fuel consumption by 15% via optimized traffic flow.
- Deployed edge computing for <500ms latency and 99.9% uptime, ensuring real-time decision-making.
- Built mobile/web dashboards for live traffic visualization, incident alerts, and route suggestions.
- Utilized Python, MQTT, LoRa WAN, 5G, AWS/GCP, NVIDIA Jetson, and data visualization tools for system development.
- Integrated KPI tracking, achieving >95% detection accuracy and improved idle time by 30% in simulations

SOFT SKILLS

- Communication
- Problem-solving
- Hard worker
- Time management
- Consistency
- Team leading
- Quick learner