

## ANEELA BANDI

**Email:** [aneelabandi9951@gmail.com](mailto:aneelabandi9951@gmail.com) | **Mobile No:** +91 7674087691

**LinkedIn:** [www.linkedin.com/in/aneela-bandi](https://www.linkedin.com/in/aneela-bandi) | **GitHub:** <https://github.com/aneela-gth>

### CAREER OBJECTIVE

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Computer Science graduate with skills in Java, Python, and software testing, seeking a Graduate Engineer role at PropertyGuru Group to contribute to innovative solutions and grow in a collaborative hybrid environment.

### EDUCATION

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

### TECHNICAL SKILLS

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

### PROJECTS

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#### 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<sub>2</sub> 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

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