

# MIASHMI DILEEP

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## PROFILE:

I am a final-year engineering student with hands-on experience in Python, IoT systems, and data-driven project development. My internship experiences have strengthened my structured, analytical approach to solving real-world problems. Along with a solid technical foundation, I bring confidence, adaptability, and a collaborative mindset. While I work well independently, I thrive in team environments driven by clear communication and shared goals. I'm committed to continuous learning and contributing meaningfully wherever I'm involved.

## EDUCATION:

<b>R.B.K SCHOOL</b> School - ICSE, Percentage: 93.6%	<b>2007 - 2020</b>
<b>QUEEN MARYS JUNIOR COLLEGE</b> Junior College - HSC, Percentage: 74%	<b>2020 - 2022</b>
<b>THAKUR COLLEGE OF ENGINEERING &amp; TECHNOLOGY</b> Under-Graduate - B.Tech Internet of Things, CGPA: 9.67	<b>2022 - 2026</b>

## SKILLS:

- Programming Language: Python
- Databases: MySQL, Supabase
- Tools & Platforms: Power BI, Canva, Figma, Postman, Google Colab
- Knowledge Areas & Interests: IoT, Data Analytics, AI, Project Management, UI/UX Design

## PROJECTS:

- **SmartTaxi(Ongoing):** A dual app taxi coordination system utilizing Supabase and IoT load cells, enabling real-time seat detection and passenger ride coordination. **Ongoing**
- **Smart Irrigation System:** IoT-based solution leveraging soil moisture, temperature and humidity data for efficient water management in agriculture. **October 2024**
- **Echo2Image:** Deep Learning project for memory based, image scenario reconstruction from voice using Open AI's Whisper, RoBERT base GoEmotions and Stable Diffusion v1.5 **February 2025**
- **Online Retail BI Dashboard:** Web scrapped myntra to collect data and created an interactive Power BI project to analyze and visualize revenue trends, applying DAX measures, filters, and top-N insights for effective business decision-making. **July 2025**

## INTERNSHIP EXPERIENCE:

- |   |                        |
|---|------------------------|
| <b>Tata Consultancy Services</b>   Project Intern   | <b>Nov2025-Ongoing</b> |
| <ul style="list-style-type: none"><li>• Working in the Monitoring &amp; Observability team for an AI-based project, explored various platforms to track, analyse, and ensure reliable performance of integrated AI agents.</li><li>• Monitoring and analyzing third-party AI agents, and designing centralized dashboards to improve visibility into agent behavior and platform performance.</li></ul> |                        |

## ACHIEVEMENTS:

- Google Girls Hackathon Semifinalist 2025
- First rank in academics in AY 2023-24
- First in Project competition at Minds Eye 2025
- First in Presentation at Multicon 2024
- Second in Python Workshop at Multicon 2023
- 42 certificates of appreciation

## CO/EXTRA-CURRICULAR ACTIVITIES :

- T&P Coordinator (IoT'26)
- Secretary at Institution of Engineers(India)-TCET(2024-25)
- Designing and Styling Head- Thingtech Magazine(2023-24)
- Part of the creative team of three committees(2023-24)
- Hosted and managed 36 events