


# BENEDICT MATHEW R S


Electronics and Communication Engineer

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## Profiles

 [Benedict Mathew R S](#)

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## Carrier Objective

Highly motivated and detail-oriented final-year B.E. student in Electronics and Communication Engineering with robust experience in IoT and Machine Learning. Proven ability to apply technical knowledge to real-world problems, showcasing strong analytical and problem-solving skills. Eager to contribute to innovative projects and drive technological advancements in a dynamic work environment.

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## Education

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|--|---------------------|
| <b>CK College of Engineering and Technology</b><br>Electronics and Communication Engineering<br>CGPA : 7.79                          | <b>2021 - 2025*</b> |
| <b>St.Joseph Matriculation Higher Secondary School</b><br>Higher Secondary School Certificate (HSC)<br>Percentage : 80.83%           | <b>2020-2021</b>    |
| <b>Kamatchi Shanmugam Matriculation Higher Secondary School</b><br>Secondary School Leaving Certificate (SSLC)<br>Percentage : 74.4% | <b>2018-2019</b>    |

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## Projects

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|---|---------------------|
| <b>PNDT Device</b>  | <b>Domain : IOT</b> |
| Designed and implemented a Low cost kit to measure the nutrient content of F/L Organic Manure, which proved to an efficient solution in agriculture and precison farming.                                   |                     |
| <b>IoT-Based Identification of Nearby: EV Charging Stations</b>   | <b>Domain : IOT</b> |
| Implemented an IoT solution to identify nearby EV charging stations and monitor their state of charge (SoC) in real-time, facilitating efficient electric vehicle management and utilization.               |                     |
| <b>Oil Spill Detection on Ocean Using Satellite Images</b>  | <b>Domain : IOT</b> |
| Developed and implemented a system to detect oil spills in oceanic regions using satellite imagery, employing image processing and machine learning techniques for environmental monitoring and mitigation. |                     |

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## Technical Skills

**Python**

**C Programming**

**Machine Learning**

**Ardiuno**

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|-------------------|---|---------------|
| Area of Interests | VLSI Chip Design  |               |
|                   | Internet of Things  |               |
|                   | Digital Electronics   |               |
|                   | Artificial Intelligence and Machine Learning  |               |
| Achievements      | Smart India Hackathon Winner  | December,2024 |
|                   | Awarded the Title Winner of SIH-2024 hardware edition by Indian Ministry of JAL SAKTHI                |               |
|                   | Project Expo  | October,2023  |
|                   | Awarded Third Place in Project Expo organized by A.K.T Engineering College, Kallakurichi.             |               |
|                   | Intra Sports Competition Winners, Cricket   | February,2023 |
|                   | Achieved victory in Cricket during the Intra Sports Competition.                                      |               |
| Soft Skills       | • Leadership  |               |
|                   | • Teamwork  |               |
|                   | • Communication   |               |
|                   | • Time Management   |               |
| Certifications    | Joy of Computing Using Python (NPTEL)   |               |
|                   | <i>(Jul-Oct 2022)</i>   |               |
|                   | Elite certificate with 63%  |               |
|                   | Problem Solving through Programming in C (NPTEL)  |               |
|                   | <i>(Jul-Sep 2023)</i>   |               |
|                   | Completed with 56%  |               |
|                   | Programming in JAVA (NPTEL)   |               |
|                   | <i>(Jan-Apr 2024)</i>   |               |
|                   | Completed with 57%  |               |
| Declaration       | I hereby declare that the information furnished above is true to the best of my knowledge and belief. |               |