MOHAMED ARSATH M

Electronics and Communication Engineer

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SUMMARY

Driven and adaptable Electronics and Communication Engineering graduate with strong analytical, problem-solving, and data interpretation skills. Skilled in Java, SQL, Excel, Power BI, and data analytics, with the ability to apply technical knowledge across multiple domains. Highly motivated to contribute to organizational growth through innovative thinking, precision, and collaboration

EDUCATION

B.E. Electronics & Communication Engineering,
K.Ramakrishnan College of Engineering, Trichy - 7.8 CGPA
2021 – 2025

SSLC, *Karpaga Vinayaga Matric Higher Secondary School, Pudukkottai - 88%*
2018 – 2019

HSC, *Jayarani Matric Higher Secondary School, Pudukkottai - 88%*
2020 – 2021

PROJECTS

IoT Smart Basket for Supermarkets
04/2025 – 05/2025
- Developed an IoT-enabled basket using RF-ID and EMF18 modules for automated billing.

Water Level Controller using Aurdino
10/2024 – 12/2024
To automatically control the water level in a tank to prevent overflow and dry run of the motor, ensuring efficient water usage and energy saving.

Student GPA Calculator (Java)
06/2025 – 07/2025
- Built a Java application to calculate semester-wise GPA using weighted averages.

Skills

Programming
Java,Python,Data Analytics

Business & Process Tools
Microsoft Excel,Microsoft PowerBi,Google Workspace

Core Skills
Microcontroller, TCP/IP Protocols, Digital Electronics

Soft Skills
Communication, Analytical Thinking, Troubleshooting

WORKSHOPS & TRAINING

Data Analytics - NoviTech
Gained hands on experience on analysing Data and visualise using business intelligence tools like (PowerBi,Tableau),Data filter using Pandas and Numpy. Developed Realtime sales dashboard Analysis using data analytics skills.

Java Certificate (Hacker Rank)
Completed certification that covers core Java concepts such as data types, loops, functions, and object-oriented programming.

Achievements

Won second Prize at National level Technical Symposium, *MAM COLLEGE,TRICHY*
Presented a paper on the Evolution of Artificial Intelligence, explaining the importance and future impact of AI technologies.

Participated at State level Technical Symposium, *Mountzion College, Pudukkottai*
Presented a paper on AI automation tools and their impact on day-to-day life, emphasizing how emerging technologies enhance productivity, efficiency, and decision-making in modern society.