

Gautam S A

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Profile

An ambitious and detail-oriented pre-final year BE student in Electronics and Communication Engineering with a consistent GPA of 7.6. I am skilled in problem-solving, programming, and data analysis, with hands-on experience in IoT, AI, and project management. Passionate about leveraging technology to drive innovation.

Education

B.E Electronics and Communication Engineering St. Joseph's College Of Engineering, Chennai GPA: 7.6	Nov 2022 – May 2026
Higher Secondary (12th Std) Velammal Vidyalaya, Madurai Percentage: 79%	2022
Secondary School (10th Std) Mahatma Global Gateway, Madurai Percentage: 81%	2020

Professional Experience

Toco Industries, Chennai Interned at a cable and wiring accessories manufacturer. <ul style="list-style-type: none">Supported product testing (insulation, flex, impact) and QA processes.Assisted in documentation and communication with production teams.	May 2025 – Jun 2025
NSIC, Chennai <ul style="list-style-type: none">Gained exposure to small-scale industrial operations and government schemes.Contributed to IoT project documentation and MSME sector research.	Jun 2024 – Jul 2024

Projects

Law Bot Built a chatbot using Python and NLP to answer legal queries and democratize access to legal info.
Cloud Portfolio Website on AWS Hosted a personal website using S3, CloudFront, Route 53, and secured it via AWS Certificate Manager.
Secure IoT Package Monitoring System ESP32-based system using GPS, RFID, LDR, BMP280, MQ2, MPU6050 sensors with Blynk alerts for cargo tracking.

Skills

Programming:	Python, Java, Matlab
Data Tools:	Power BI, SQL, Excel
Technologies:	IoT, AI, Networking, Cloud Computing

Certifications

- Intro to Industrial IoT 4.0 – NPTEL (Elite, 72%)
- 5G for Everyone – Coursera
- Python Programming – IIT Bombay
- Advanced AI in Digital Marketing – Udemy
- Cloud Computing (AWS)

Organizations

OPTICA, Member Organized and participated in technical events, fostering collaboration and learning.	May 2023 – Present
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Languages

English: Linguaskill (Score 172 – CEFR B2)
Tamil: Fluent
Hindi: Conversational