

# SNEHA BABY MATHEW

ELECTRONICS AND COMPUTER ENGINEER

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PORT BLAIR, A & N ISLANDS

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<https://github.com/DarkEmpress>

## PROFILE

Versatile engineering student with a passion for coding, design, and data-driven insights. Skilled in software development, UI/UX design, and data analytics, I bring a creative yet analytical approach to solving complex problems.

## EXPERIENCE

- **3 week Inplant Training at BSNL**, Port Blair, Andaman and Nicobar Islands
- **2 month hardware internship at ARDE- DRDO**, Pune, Maharashtra- worked on a smart wearable prototype
- **1 month data science internship at NIC**, Port Blair, Andaman and Nicobar Islands- created a weather forecasting program.

## PROJECTS

- **Personal portfolio website:** HTML, CSS and Javascript knowledge used to create a visually appealing portfolio website is hosted on GitHub.
- **CSS Art:** Basic HTML and CSS was used to create cute cartoon illustrations.
- **Weather forecast using ML algorithms:** Implement ARIMA model to predict weather related numerical parameters, use decision tree classifier to determine the condition text and then developed a GUI using Tkinter and custom Tkinter for user interaction.
- **Excel Sheet Summary Generator:** Using Python a program was created that takes excel sheet as input and gives monthly summary as output. (Made this to help someone I knew and was struggling with creating a summary).
- **Real Time Sleep Monitoring System to monitor sleep quality:** Data sets available on the web were used to draw a relationship between the amount of sleep, sleep quality rating, sleep disorders and other body readings to determine how well sleep quality

## EDUCATION

**2021- 2025**

(B. Tech)

Electronics and Computer Engineering

**Vellore Institute of Technology, Chennai**

Currently in Final Year

Current CGPA- 8.78

**2020- 2021**

12th- CBSE

**Chavara Public School, Pala, Kottayam, Kerala**

Aggregate Percentage- 95.6%

**2018- 2019**

10th CBSE

**KV-1, Port Blair, Andaman and Nicobar Islands**

Aggregate Percentage- 94.4%

## SKILLS

**LANGUAGES:** Java, C, Python, C++, HTML, CSS, Javascript, SQL, R, Assembly Language Programming (Intel 8051, 8086)

**TOOLS:** Git, R Studio, Arduino, ARM Keil Studio

## CERTIFICATES

Microsoft Certified: Azure AI Fundamentals

Python, Java, DBMS, PHP Spoken Tutorial- IIT Bombay

Make-a-thon: Design of high speed VLSI Circuits

## EXTRA CURRICULAR

LitSoc- Design Team, VIT Chennai

CloudOps- Design Team, Vit Chennai