B. ANGEL PAULINA

Email: pauliben03@gmail.com| Phone: +91-8220974374
LinkedIn: Angel Paulina B| GitHub: au922121106005

Career Objective

A highly motivated ECE graduate passionate about software development, eager to apply technical and analytical skills in building impactful applications. Seeking an opportunity to grow in a collaborative environment that values innovation, continuous learning, and hands-on problem solving.

Educational Qualification

Bachelor of Engineering (B.E) in Electronics and Communication Engineering
SSM Institute of Engineering and Technology, 2021-2025
CGPA: 8.33

Technical Skills

- **Languages:** Python (Intermediate), Java (Beginner), C(Beginner)
- **Web**: HTML, CSS
- **Tools & Platforms**: VS Code, Git, PowerBI, Arduino IDE, Jira
- **HDL & Simulation**: Verilog, Xilinx ISE

Academic Projects

Project Title: **AN ULTRA-LOW-POWER AND ADAPTIVE APPROXIMATE MULTIPLIER**
Description: Designed an ultra-low power adaptive approximate multiplier using Urdhva Tiryagbhyam sutra and Brent-Kung Adder to optimize power efficiency with high accuracy. Implemented in Verilog HDL and synthesized using Xilinx ISE 14.7

Project Title: Smart Home Automation Using Arduino
Description: Developed a Smart Home Automation system with Arduino and Bluetooth to remotely control household devices. The system integrates sensors for automated actions, enhancing convenience and energy efficiency, with Bluetooth for seamless communication between the user and the devices.

Certifications & Webinar

- ***Python Programming*** *– CADD CAE Technologies (Aug 2022)*
- ***Software Testing Basics*** *– Besant Technologies*
- ***Next Gen VLSI****: Trends and Career Pathways – Outreach Webinar*

Internship / Training

Python & Data Science Internship – Accent TechnoSoft (Jul–Aug 2024)

- Applied Python for data analysis tasks including preprocessing and visualization.
- Used Pandas, NumPy, and Matplotlib to explore datasets and derive insights.

In-Plant Training – Rail InfoTech Services, Madurai

- Gained exposure to railway communication systems and networking.
- Developed an understanding of real-time industrial tech and telecom infrastructure.

Achievements / Extra-curricular Activities

- Won **3rd Prize** in a Technical Quiz Competition (2023)
- Participated in inter-college hackathons and poster presentations.
- Volunteered in organizing Annual technical fest at college (2024).

Languages Known

- English
- Tamil