

RAKSHITH E

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🔗 [LinkedIn](#) | 🌐 [Portfolio](#)

EXECUTIVE SUMMARY

Electronics and Communication Engineering student (expected graduation: 2026) with a strong foundation in signal processing, embedded systems, and circuit design. Proficient in MATLAB, MPLAB Harmony, and wireless communication protocols. Hands-on experience in developing analog/digital systems and a passion for innovative problem-solving. Built a personal portfolio showcasing projects and technical expertise.

EDUCATION

Bachelor of Engineering (BE) in Electronics and Communication Engineering

East Point College of Engineering and Technology | Expected Graduation: 2026

- **Relevant Coursework:** Signal Processing, Control Systems, VLSI Design, Wireless Communication
- **Skills:** MATLAB, Embedded Systems (MPLAB Harmony), Circuit Simulation, PCB Design

TECHNICAL SKILLS

- **Programming/Tools:** MATLAB, MPLAB Harmony, MCC, Proteus, LTspice
- **Hardware:** Embedded Systems, Microcontrollers, Analog/Digital Circuits
- **Domains:** Signal Processing, Wireless Communication, VLSI Design

PROJECTS & ACHIEVEMENTS

Portfolio Website | [Live Link](#)

- A dynamic showcase of my engineering journey—where circuits come to life, code meets creativity, and innovation gets its own digital playground

MPLAB® Harmony v3 Certification | *Microchip Technology* | Mar 2025

- Demonstrated expertise in embedded system development using MPLAB Harmony v3 and Peripheral Libraries.

Wireless Communication Protocol Simulation

- Designed and analyzed analog/digital communication systems using MATLAB.

CERTIFICATIONS

- **MPLAB® Harmony v3 Fundamentals** (Microchip, 2025)
- **MPLAB® Code Configurator (MCC) Certified** (Microchip, 2025)
- **Technology Job Simulation** (Practical ECE Skills)

LANGUAGES

- English (Fluent)
- Hindi (Conversational)

HOBBIES

Photography, Hiking, Traveling, Gardening