

PATHA SUDEEPTHI

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EDUCATION

Institute of Aeronautical Engineering, Hyderabad, India B.Tech in Electronics and Communication Engineering	Expected May 2027 GPA: 8.73/10
SR Junior College, Malampet, Hyderabad Intermediate	May 2023 GPA: 9.2/10
Jeevadan High School, Kamareddy SSC	Mar 2021 GPA: 10/10

TECHNICAL SKILLS

Programming Languages: Java
Frontend: HTML, CSS
Databases: DBMS, MySQL, SQL
Tools: GitHub, VS Code

INTERNSHIPS

FRONT END DEVELOPMENT [IBM]	Aug–Oct 2025
<ul style="list-style-type: none">• Gained hands-on experience in building responsive web applications using HTML, CSS, and JavaScript.• Learned modern front-end frameworks and best practices to enhance UI/UX performance.	
VLSI [Coincent]	May 2023 – Jul 2027
<ul style="list-style-type: none">• Gained hands-on experience in designing and developing VLSI circuits.• Currently working on implementing image processing algorithms on FPGA, focusing on Integration of image processing algorithms with other FPGA-based systems.	

PROJECTS

Earthquake Detector using Arduino Uno (GitHub)	March-May 2025
<ul style="list-style-type: none">• Built a real-time earthquake detector using Arduino and accelerometer.• Added buzzer and LED alerts for early warning of tremors.	
Restaurant Reservation Management System (GitHub)	May-June 2023
<ul style="list-style-type: none">• Built a restaurant reservation system using HTML and CSS.• Added real-time booking, confirmations, and admin dashboard.	

CERTIFICATES

Internship Programme on ASIC IC Design – CITD	Apr 2025
Career Edge-Young Professional course – TCS iON	Mar-Apr 2025
VLSI Project Completion Certificate from IIT MADRAS - COINCENT	Apr 2024
Building Intelligent IoT Systems (2 days workshop) – OUC	Jan–Apr 2024

e-PORTFOLIOS

- GitHub: github
- LinkedIn: linkedin