



Satyam Pandey

Roll No.: 2211401169

Electronics and Communication Engineering

Maulana Azad National Institute of Technology, Bhopal

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GitHub

LinkedIn

EDUCATION

•Maulana Azad National Institute of Technology

2022 – Present

Electronics and Communication Engineering

CGPA: 8.88

•Doon Public School, Rewa

2021

Board of Intermediate Education, M.P.

Percentage: 94.4

•Sri Aurobindo Bal Vidya Mandir

2019

Board of Secondary Education, M.P.

Percentage: 94.8

PERSONAL PROJECTS

•DevSync

Mentorship and Recruitment Platform

- Developed a MERN stack platform for learners to connect with mentors, showcase projects, and get recruited.
- Implemented user authentication, role-based access, mentor request workflow, and skill exchange system.
- Integrated Cloudinary for image uploads and Razorpay for secure payment handling.
- **Repo Link:** DevSync **Deploy Link:** DevSync

•ADM, Approximate Dadda Multiplier

Design and Optimization of a High-Speed Multiplier

- Designed and implemented an Approximate Dadda Multiplier (ADM) using Verilog for faster and area-efficient multiplication.
- Optimized partial product generation and compressor trees to reduce hardware complexity and power consumption.
- **Repo Link:** Approximate Dadda Multiplier

TECHNICAL SKILLS

Programming Languages: C++, JavaScript, Verilog

EDA Tools: Cadence Genus, Xilinx Vivado

Frameworks & Libraries: React.js, Node.js, Express.js

Databases: MongoDB, MySQL

Web Technologies: HTML, CSS, Bootstrap, Tailwind CSS

Version Control & DevOps: Git, GitHub

Soft Skills: Problem-solving, Teamwork, Time management

Coursework: DSA, DBMS, OOPs, Operating Systems, Communication Systems, Microprocessors

EXPERIENCE

- Solved 450+ coding problems on platforms like **GFG**, **LeetCode**, and **Coding Ninjas**.
- Improved problem-solving skills and algorithmic thinking through consistent practice.

HOBBIES

Playing Chess, Cricket, Watching Movies, Exploring New Technologies, and Solving Problems.