

PIYUSH VERMA

ELECTRONICS AND INSTRUMENTATION ENGINEERING

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SUMMARY

• Dedicated Electronics and Instrumentation Engineering student with a CGPA of 9.68 from NIT Nagaland and hands-on industry experience. Proficient in data analysis using Excel, and Python, with strong skills in SQL and database management. Experienced in web development with HTML5, CSS, and JavaScript, and adept at using Python libraries such as NumPy, Pandas, and Matplotlib. Demonstrated leadership in organizing events and volunteering, with a focus on problem-solving, critical thinking, and algorithm design.

TECHNICAL SKILLS

- **Programming Languages:** Python, C
- **Web Development:** HTML5, CSS5, JAVASCRIPT
- **Python Libraries:** Numpy, Pandas, Matplotlib, Scipy, Seaborn etc.
- **Data Analysis Tools:** Excel, SQL, Python (libraries)
- **Database Management:** SQL, MYSQL, NoSQL, MongoDB
- **Operating Systems:** Windows, Linux
- **Other Skills:** Algorithm Design & Analysis

RELEVANT PROJECTS

Login with Captcha & Notes Website

- Integrated CAPTCHA for enhanced security against automated attacks.
- Developed an intuitive, secure user interface.
- Combined CAPTCHA with backend validation for secure login handling.
- Developed a user-friendly interface for creating, editing, and deleting notes.

To-Do List Website

- Created a task management system with add/delete functionality.
- Designed a responsive web app using HTML, CSS, and JavaScript.
- Implemented local storage to retain tasks across sessions.

Calculator App (Kivy)

- Built a cross-platform calculator app using Kivy.
- Designed a clear, user-friendly interface.
- Ensured optimized performance for quick calculations.

Cricket Dashboard (Excel)

- Developed a cricket dashboard with data visualization.
- Used pivot tables and charts for advanced Excel reporting.
- Added interactive elements for dynamic data analysis.

Multiple projects using Python, MYSQL, HTML5, CSS5, JAVASCRIPT, MS Excel.

EDUCATION

Bachelor of Technology, NIT Nagaland

CGPA: 9.68

2021 - 2025

Intermediate

Jawahar Navodaya Vidyalaya, Mitauli- Kheri

Percentage: 93.6%

2019 - 2020

High School

Jawahar Navodaya Vidyalaya, Mitauli- Kheri

Percentage: 91.6%

2017 - 2018

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Odia
- **Codechef:** 1400+ rating
- **GFG:** 1700+ score
- **Strengths:** Problem Solving, Critical thinking, Leadership, Data Analysis
- **Volunteered:** General secretary (Literary & Arts Club), Organized multiple cultural expo and events in college, Volunteer in college Techfest- "Ekarikthin"