



Agnivesh Singh

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Qualifications

- Currently pursuing Bachelor's degree in Computer Science from PES University, Bangalore
- Proficient in Python, C, Java, Go and JavaScript
- Strong understanding of data structures and algorithms
- Experience with version control Git
- Excellent communication and team collaboration skills

Projects

Noise Pollution Detection –

- Developed an IoT-based home Noise detector using Arduino and ESP32
- Integrated sensors (DHT11, Sound Sensor, etc.) and controlled appliances via mobile app
- Implemented MQTT protocol for real-time data exchange

Personal Portfolio Website : agnivesh.live –

- Designed and developed a portfolio website using HTML, CSS, and JavaScript
- Deployed on GitHub Pages with custom domain

React-based note making website : rePaste –

- Built a website with accounts which handle passwords and use SHA-256 hashing
- All account details/notes are managed on a MongoDB server
- Made with two other team members, managed front-end

Python based Hangman Game –

- Tkinter based Hangman game, which takes pre-generated words
- Custom sound effects used/implemented for every action user performs
- Dark mode implementation to make UI more comfortable in darker settings

Education

Primary Education

La Martiniere College, Lucknow

- 10th grade 93%

Secondary Education

K.C, Public School Jammu

- 12th grade 92%

Bachelor of Science in Computer Science

PES University, Bangalore

- Current CGPA 7.76
- Expected Graduation May 2027