

Neha Gaikwad

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EDUCATION

Vidyalankar Institute of Technology

Bachelor of Technology in Computer Engineering

Mumbai, India

Sept 2024 – Present

- CGPA: **9.9** (First Year), SGPA: **10.0** (Sem 3)
- Expected Graduation: **2028**

Arya Gurukul (CBSE Board)

Class X

Kalyan, India

2022

- Percentage: **95%**

R.T.P College (State Board)

Class XII

Dombivli, India

2024

- Percentage: **81.83%**

PROJECTS

Weather Forecast Application | *Python, Tkinter, OpenWeather API, Geopy, TimezoneFinder*

[GitHub](#)

- Developed a **Tkinter-based weather app** showing real-time weather and 5-day forecasts worldwide.
- Integrated **geolocation** and **timezone detection** for accurate local time and coordinates.
- Displayed **temperature, pressure, wind speed, and dynamic icons** in a clean UI.

Aim Trainer Game | *Python, Pygame*

[GitHub](#)

- Developed a **Pygame-based aim trainer** to improve reaction time and targeting skills.
- Implemented dynamic targets with **growing/shrinking mechanics**, scoring, and limited lives.
- Displayed real-time statistics: **hits, accuracy, speed, and elapsed time** in a clean UI.

Turtle Race Game | *Python, Turtle*

[GitHub](#)

- Built an interactive **Python Turtle racing game** with 2–10 customizable racers.
- Implemented random movement mechanics to simulate racing and determine the winner dynamically.
- Designed a visual interface using **Turtle graphics** with multiple colored racers and race track.

QR Code Generator | *Python, Flask, qrcode, HTML*

[GitHub](#)

- Developed a **Flask-based web application** to generate QR codes from user-provided links.
- Used **qrcode** and **BytesIO** to create QR code images dynamically in memory.
- Rendered the QR code on a web page using **HTML templates** and embedded base64 images.

Amazon Clone Homepage | *HTML, CSS, Font Awesome*

[GitHub](#)

- Built a **static Amazon homepage clone** to practice layout design using only HTML and CSS.
- Implemented **navbar, hero section, product boxes, and footer** with clean grid layout.
- Added **Font Awesome icons**, hover effects, and organized images folder for easy editing.
- Designed a **simple and visually neat UI** closely resembling Amazon's homepage.
- Future plan: add JavaScript for interactivity and responsive design improvements.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI

Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib