

Neha Gaikwad

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EDUCATION

Vidyalankar Institute of Technology <i>Bachelor of Technology in Computer Engineering</i>	Mumbai, India
	Sept 2024 – Present
• CGPA: 9.9 (First Year), SGPA: 10.0 (Sem 3)	
• Expected Graduation: 2028	
Arya Gurukul (CBSE Board) <i>Class X</i>	Kalyan, India 2022
• Percentage: 95%	
R.T.P College (State Board) <i>Class XII</i>	Dombivli, India 2024
• Percentage: 81.83%	

PROJECTS

Weather Forecast Application <i>Python, Tkinter, OpenWeather API, Geopy, TimezoneFinder</i>	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 <i>Python, Pygame</i>	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 <i>Python, Turtle</i>	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 <i>Python, Flask, qrcode, HTML</i>	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 <i>HTML, CSS, Font Awesome</i>	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