

# Neha Gaikwad

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## EDUCATION

<b>Vidyalankar Institute of Technology</b> <i>Bachelor of Technology in Computer Engineering</i>	Mumbai, India Sept 2024 – Present
<b>Arya Gurukul (CBSE Board)</b> <i>Class X</i>	Kalyan, India 2022
• Percentage: <b>95%</b>	
<b>R.T.P College (State Board)</b> <i>Class XII</i>	Dombivli, India 2024
• Percentage: <b>81.83%</b>	

## PROJECTS

<b>Weather Forecast Application</b>   <i>Python, Tkinter, OpenWeather API, Geopy, TimezoneFinder</i>	<a href="#">GitHub</a>
• Developed a <b>Tkinter-based weather app</b> showing real-time weather and 5-day forecasts worldwide.	
• Integrated <b>geolocation</b> and <b>timezone detection</b> for accurate local time and coordinates.	
• Displayed <b>temperature, pressure, wind speed, and dynamic icons</b> in a clean UI.	
<b>Aim Trainer Game</b>   <i>Python, Pygame</i>	<a href="#">GitHub</a>
• Developed a <b>Pygame-based aim trainer</b> to improve reaction time and targeting skills.	
• Implemented dynamic targets with <b>growing/shrinking mechanics</b> , scoring, and limited lives.	
• Displayed real-time statistics: <b>hits, accuracy, speed, and elapsed time</b> in a clean UI.	
<b>Turtle Race Game</b>   <i>Python, Turtle</i>	<a href="#">GitHub</a>
• Built an interactive <b>Python Turtle racing game</b> with 2–10 customizable racers.	
• Implemented random movement mechanics to simulate racing and determine the winner dynamically.	
• Designed a visual interface using <b>Turtle graphics</b> with multiple colored racers and race track.	
<b>QR Code Generator</b>   <i>Python, Flask, qrcode, HTML</i>	<a href="#">GitHub</a>
• Developed a <b>Flask-based web application</b> to generate QR codes from user-provided links.	
• Used <b>qrcode</b> and <b>BytesIO</b> to create QR code images dynamically in memory.	
• Rendered the QR code on a web page using <b>HTML templates</b> and embedded base64 images.	
<b>Amazon Clone Homepage</b>   <i>HTML, CSS, Font Awesome</i>	<a href="#">GitHub</a>
• Built a <b>static Amazon homepage clone</b> to practice layout design using only HTML and CSS.	
• Implemented <b>navbar, hero section, product boxes, and footer</b> with clean grid layout.	
• Added <b>Font Awesome icons</b> , hover effects, and organized images folder for easy editing.	
• Designed a <b>simple and visually neat UI</b> closely resembling Amazon's homepage.	
• Future plan: add JavaScript for interactivity and responsive design improvements.	

## SKILLS

**Languages :** C, Python, Java, MySQL, HTML, CSS

**Developer Tools :** Git, GitHub, VS Code