

Neel Nitin Walke

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 [LinkedIn](#) |  [Github](#) |  [Hackerrank](#)

Pune, Maharashtra - 412308, India

EDUCATION

• Dr. Vishwanath Karad MIT World Peace University, Pune

June 2022 - June 2026

B.Tech in Computer Science and Engineering

Pune, India

- GPA: 7.08

• MAEER's MIT Pune's MIT Junior College, Loni Kalbhor

12th HSC

2022

Pune, Maharashtra

- Grade: 72.83%

• City International School, Wanowrie

10th CBSE

2020

Pune, Maharashtra

- Grade: 76.6%

SKILLS

Languages:

C, Java, Python, HTML, CSS, JavaScript

Tools:

Git, GitHub, Gitflow, VS Code, Anaconda, Jupyter Notebook, Postman

Databases:

MySQL, MongoDB

Cloud/DevOps:

Basic knowledge of Azure DevOps, GitHub Actions, CI/CD concepts

Coursework:

Data Structures and Algorithms, Object-Oriented Programming,

Database Management Systems, Web Development, Machine Learning

Libraries/Frameworks:

React, Flask, scikit-learn, OpenCV, Pytorch, Matplotlib, Pandas, Sele-

nium, Tkinter, BeautifulSoup, Bootstrap

Other:

REST APIs, JSON, Bootstrap, Node.js (basic)

Software Practices:

SDLC (Plan, Design, Develop, Test, Deploy, Maintain), Agile develop-

ment, Team collaboration

PROJECTS

AI Desktop Assistant — *Python, OpenAI API, Tkinter, pyttsx3, SpeechRecognition*

- Engineered an AI-powered assistant capable of performing 10+ tasks through voice commands or text input.
- Applied SDLC phases and Agile-style iteration to expand functionality and resolve issues.
- Features include opening browsers, searching queries, making automated decisions, playing/downloading music (dedicated music control panel), streamlined email drafting and sending, and real-time news and weather updates.

Car Rental System — *Java, JavaFX, MongoDB*

- Designed and developed a full-stack car rental system using Java, JavaFX, and MongoDB, following modular SDLC principles.
- Implemented role-based access control, user authentication, and CRUD operations with secure data handling.
- Integrated Git for version control, used Maven for build automation, and managed data persistence through MongoDB collections.

Recipe Sharing Website — *React, CSS, JavaScript, MongoDB*

- Built an intuitive web platform allowing users to seamlessly share and explore a diverse range of recipes.
- Enhanced user experience with advanced search filters, detailed reviews, and a rating system.

Formula 1 Data Analytics — *Matplotlib, Pandas, NumPy, OpenCV*

- Collected and analyzed Formula 1 team data over multiple seasons.
- Generated insightful visualizations and tracked team performance trends, leading to meaningful data-driven insights.

CERTIFICATIONS

◦ [Recommendation Letter – Dr. Phani Kumar Pullela, RV University, Bangalore](#)

December 2023

◦ [HackerRank 2025: Distributed Systems and Cloud Computing Challenge](#)