

Neel Nitin Walke

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Pune, Maharastra - 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 Kalbhori** 2022
12th HSC Pune, Maharastra
 - Grade: 72.83%
- **City International School, Wanowrie** 2020
10th CBSE Pune, Maharastra
 - 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, Selenium, Tkinter, BeautifulSoup, Bootstrap
Other:	REST APIs, JSON, Bootstrap, Node.js (basic)
Software Practices:	SDLC (Plan, Design, Develop, Test, Deploy, Maintain), Agile development, 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 Pallela, RV University, Bangalore** December 2023
- **HackerRank 2025: Distributed Systems and Cloud Computing Challenge**