

Vinit Wadgaonkar

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Github:

<https://github.com/vinitwadgaonkar>

Education

Savitribai Phule Pune University (Computer Engineering)
(2019-2023)
8.78/10 cgpa (upto 3rd year)

Work Experience

LCEPL (Software Developer Intern)

- 1) Developed and implemented an internal job application portal, resulting in over 500 submissions in its first month.
- 2) Improved uptime of existing software (such as Redmine) and increased project completion speed by 20% through improved collaboration and communication.
- 3) Deployed open-source software (such as Redmine and Odoo) with business-specific customizations, leading to a 25% reduction in expenditure on software and IT spending.
- 4) Developed and implemented a stock management system, internal chat messenger, and company website and recruitment website, resulting in a 10% reduction in manual labour and improved communication and organisational efficiency.
- 5) Negotiated upgrade to company internal cloud infrastructure, further increasing efficiency and cost-effectiveness.
- 6) Trained new interns and helped them adapt to the work environment

Key Projects

AI system to predict Uber fare prices:

Developed an AI system using Python and machine learning algorithms (such as linear regression) to predict future fare prices with 85% accuracy based on 500 past rides taken using Uber.

GitHub link: <https://github.com/vinitwadgaonkar/Uber-Price-Fare-Prediction-System>

Health status prediction system for early-stage detection of heart diseases

Worked on a system using Python and machine learning algorithms (such as decision tree classifiers) to predict the condition of a person's heart health based on pre-processed data from 500 patients. Achieved 90% accuracy in predictions.

GitHub link: <https://github.com/vinitwadgaonkar/Heart-Health-Prediction>

Neural network to predict customer retention at a bank

Developed a neural network using Python and TensorFlow to predict whether a customer would remain with a bank or not. Trained the network using data from 1000 customers and achieved 80% accuracy in predictions.

GitHub link: <https://github.com/vinitwadgaonkar/Neural-Network-Bank-Customer-retention>

Analysis of Titanic disaster data to predict survival

Analyzed data on the Titanic ship disaster using Python and machine learning algorithms (such as logistic regression) to predict the likelihood of survival based on a person's age and other factors. Analyzed data on 800 passengers from the disaster and used age and other factors to achieve 83% accuracy in survival likelihood predictions.

GitHub: <https://github.com/vinitwadgaonkar/Titanic-Prediction>

Google Assistant for Windows

Developed a modified version of the software to work on a Windows operating system using Python. Integrated it with various features and functions, including adding 10 new features and functions.

GitHub link: <https://github.com/vinitwadgaonkar/Assitant-for-windows-vocie-ai>

Technical Skills

Python, C++, TensorFlow, Data Structures and Algorithm, Numpy, Javascript, Ruby

Achievements

Participation in Nasa Space settlement Contest
Ranked Among Top 10,000 in Facebook Hacker Cup (Qualified for First Round)
Ranked in Top 1000 in HackerRank Contest