

Nihal Sarmalkar

Passionate about Machine Learning , Full Stack Development and educating next generation of tech users.

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WORK EXPERIENCE

Project Intern

Tata Consultancy Services (TCS)

07/2022 - 11/2020

Pune

Achievements/Tasks

- Worked on tcs HPC platform using Nvidia frameworks. Integrated Inference serving software on the server for better visualization and prediction.
- Created custom server monitoring dashboard using prometheus API's in Javascript.
- Developed and Designed responsive clean UI for various dashboards using React and Material UI.
- Technologies used were React JS , Python, Flask, Nodejs, Docker and Linux.

Full Stack Developer Intern

DocsUp

03/2022 - 06/2022

2months - internship

Achievements/Tasks

- Developed Hybrid websites using MERN stack as per clients requirements and also implemented Risk Analysis, Database Maintaining, Project Management.
- Designed real world native application for various platforms.
- Worked on 3 major projects using Node js, MongoDB, React, Firebase and Lead team towards successful completion of project.

Web Developer Intern

Ntechsez Consultancy Services Pvt Ltd

08/2022 - 02/2022

6months - internship

Achievements/Tasks

- Designed and Implemented scalable API's using python for Flask framework.
- Developed user - centered design (UCD) for the NCS Jobs platform. Performed CRUD operations using rest API's.
- Researched and developed the flow and algorithm for a Job seeker and recruiter match making feature in application.

EDUCATION

B.Tech - Computer Science and Business Systems

Bharati Vidyapeeth University College of Engineering Pune

07/2019 - Present

CGPA - 9.3

SKILLS

Python

C++

Node.js

React.js

MongoDB

MySQL

MERN Stack

data structures

PHP

Machine Learning

Flask

Git

Github

Redux

object-oriented design

Materia UI / Ant Design

HTML

problem solving

CSS

VPS

PERSONAL PROJECTS

Smart Krishi [🔗](#)

- Integrated platform to solve operational problems in agriculture and make farms more efficient using machine learning
- This ML project helps farmer to predicts the right crop and fertilizer for his farm. Contains external public API for weather forecast and location
- Link - <https://smart-krishi.up.railway.app/>
- Github repo - <https://github.com/NihalSarmalkar/Farmmatic>

Socialpedia [🔗](#)

- This is a MERN stack dynamic social media website. Where in all social media functionalities are applied. Facebook UI with Instagram functionality.

NS tuts blog website [🔗](#)

- This dynamic blog website is built using LAMP stack and deployed on Ubuntu Server (VPS).
- REST API's implemented in Flask Python. Includes My SQL database for CRUD operations.
- Github repo - <https://github.com/NihalSarmalkar/NS-Tuts-blog-website>

ACHIEVEMENTS

Golden badge in C++ & Python - HackerRank [🔗](#)

GeeksforGeeks (05/2021 - 06/2022) [🔗](#)

Chairperson - GeeksforGeeks BV(DU)COEP student Chapter

CERTIFICATES

Applied Machine Learning

[Link click here](#)

SQL

[link click here](#)

Data Science

[link click here](#)