



SARTHAK NIRANJAN KULKARNI

B.E. - Computer Science Engineering

Ph: +91-9325602791

Email: sarthakkul2311@gmail.com

Pune, Maharashtra, India - 411041



BRIEF SUMMARY

Aspiring Software Engineer with a burning passion for technology and innovation. I bring a solid foundation in Python, C/C++, AI & ML, and Data Science, honed during my 9-month internship experience. My career objective revolves around my unwavering desire to explore and learn new things, not just for personal growth, but to make a meaningful contribution to the betterment of both the organization and society. I see myself as a lifelong learner, continuously adapting to the ever-evolving tech landscape. My aim is to harness my skills and knowledge to create innovative solutions that address real-world challenges. I believe that technology has the power to transform lives, and I am committed to being a catalyst for positive change.

In the role of a Software Engineer, I aspire to collaborate with brilliant minds, tackle complex problems, and push the boundaries of what's possible. My ultimate goal is to leave a lasting impact, not only in terms of code but in the lives of those who benefit from the solutions I help create. I am excited about the journey ahead, eager to embrace new challenges, and dedicated to making a meaningful mark in the world of software engineering. Together with the organization, I envision a future where we innovate, disrupt, and lead in making the world a better place through technology.

KEY EXPERTISE

C CPP Python Web Development AIML Data Science

EDUCATION

Zeal College of Engineering and Research

2020 - 2024

B.E.-Computer Science Engineering CGPA: 9.18 / 10.00

MTES Jr College, Pune City

2020

12th | MSBSHSE | Percentage: 68.00 / 100.00

Dnyanganga English Medium School, Pune City

2018

10th | MSBSHSE | Percentage: 85.42 / 100.00

AWARDS AND SCHOLARSHIPS

- Won Silver medal in from my district Olympiad.

INTERNSHIPS

Growdigis IT Solution Pvt Ltd

10 Jul, 2023 - 15 Sep, 2023

Front-End Web Developer

Key Skills: HTML/CSS/Java PHP MySQL ReactJS Bootstrap

Worked mainly on following projects and their tasks are as follows:-

- Website Development (HTML/CSS/Java, PHP, MySQL): Developed multiple webpages which involved working with responsive UI as well as backend.

-Website Development (HTML/CSS/Java, Bootstrap, PHP, MySQL): We created and deployed website for one of the most reputed company within one week.

Digital BHEM

24 May, 2023 - 04 Jul, 2023

Software Developer Intern

Key Skills: Python HTML/CSS/Java

Worked mainly on following projects and their tasks are as follows:-

-Music Player (Python, HTML/CSS): Developed Music Player App with minimalistic UI and features of pausing, resuming, playing and stopping songs.

-Snake Game (Python): Made Snake Game with interactive UI using libraries like time, pygame and random.

CodeClause

01 Apr, 2023 - 01 May, 2023

Data Science Intern

Key Skills: Python ML AI Dataset Handling Data Analytics

Worked mainly on following projects and their tasks are as follows:-

- Customer Segmentation (Python): Developed Customer segmentation model using k means and tried it on dummy data-set.

- Age & Gender Detection (Python): Created an Machine learning-model which predicts age and gender and has data pre-processing and model evaluation.

White Code Technology Solutions Pvt. Ltd

Trainee Software Developer

06 Sep, 2021 - 06 Dec, 2021

Key Skills: HTML CSS Java WordPress ReactJS Solidity MS Office Bootstrap

Worked mainly on following projects and their tasks are as follows:-

- Website Development (HTML/CSS/Java/Wordpress/Bootstrap): Created multiple pages which consists of responsive UI.
- Smart Contracts (Solidity, Blockchain): I was in R&D department for creating new smart contracts and creation of NFTs.

Younity.In

Growth Ambassador Program

08 Jun, 2021 - 13 Jul, 2021

Key Skills: Digital Marketing Graphics Designing Team Management Leadership

Worked mainly on following projects and their tasks are as follows:-

- Team Lead: Spearheaded the team of 15 interns, managed and assigned tasks.
- Business Development: Was in development team which used to come up with new ideas and techniques to enhance the business.
- Sales & Co-ordination: Coordinated sales of my company and my team.

PROJECTS

Ecom Website

01 Jul, 2023 - 07 Jul, 2023

Key Skills: PHP HTML CSS Java

Project Link: https://github.com/Sarthakkul2311/Ecom_php_website

Created a ecom website using php and HTML/CSS/Java for response UI and backend. It had all the features like session tracker, cart, admin panel, user login and admin login. It had similar features like Amazon.

Age & Gender Detection

25 Apr, 2023 - 08 May, 2023

Key Skills: Python AI ML

Project Link: https://github.com/Sarthakkul2311/CodeClause_Age-and-Gender-detection

Developed the Machine Learning model which takes input from camera and predicts age and gender of human standing in front of camera. I've made this model with 86% accuracy.

Customer Segmentation

17 Apr, 2023 - 29 Apr, 2023

Key Skills: Python ML AI

Project Link: https://github.com/Sarthakkul2311/CodeClause_Customer_segmentation_System

Developed a model which segments customer according to their orders, used K-means algorithm while implementing this. Tested this algorithm on a dummy orders dataset.

Hemisphere Detection

10 May, 2022 - 30 May, 2022

Key Skills: ReactJS API HTML CSS Javascript

Project Link: https://github.com/Sarthakkul2311/Hemisphere_detector

Created app using APIs to get the location of hemisphere you're currently in. By using the APIs we can easily get the current location through which are surfing over internet.

PUBLICATIONS / RESEARCH / WHITE PAPERS

A Survey of Thalassemia and Iron Deficiency Anaemia Classification using a Voting Classifier

05 Jul, 2023

Survey Paper | IJSRST | **Mentor:** Prof. Afsha Akkalkot | **No. of Authors:** 4

Key Skills: Data Science ML AI

In this paper, we delved into the classification techniques for Thalassemia and Iron Deficiency Anaemia, employing a Voting Classifier to achieve robust and accurate results. The paper is now available for reading and can be accessed "<https://ijsrst.com/IJSRST52310350>"

A Survey on Machine Learning Algorithms for Risk-Controlled Algorithmic Trading

30 Jun, 2023

Survey Paper | IJSRST | **Mentor:** Prof. Afsha Akkalkot | **No. of Authors:** 4

Key Skills: ML AI Data Science

In this paper, we explore the use of machine learning algorithms in risk-controlled algorithmic trading. We discuss the importance of managing risks and identify the most effective techniques for enhancing trading performance. The paper is now available for reading and can be accessed "<https://ijsrst.com/IJSRST523103163>."

CO-CURRICULAR ACTIVITIES

- Completed 9 months of internship.

EXTRA CURRICULAR ACTIVITIES

- Participated in state-level drama competition.
- Participated in city zonal sports for cricket.
- Department co-ordinator for NSS
- President of college student body council

PERSONAL INTERESTS / HOBBIES

- Sports
- Data Science
- Drama

IMs

- WhatsApp - 9325602791

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: sinhagad rd, wadgaon bk, Pune, Maharashtra, Pune,
Maharashtra, India - 411041

Email: sarthakkul2311@gmail.com

Date of Birth: 23 Jan, 2002

Known Languages: English, Hindi, Marathi, German

Phone Number: +91-9325602791