SMIT JOSHI

I'm a passionate programmer with a thirst for learning new technologies. As a full-stack developer with aspirations to become an ML Engineer, I always strive to give my best in completing my work. My dedication to continuous improvement motivates me to take on new projects and push the boundaries of my capabilities.

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EDUCATION

University of Pune, Bachelor of Engineering in Computer Science | **GPA:** 7.94/10.00 | Courses: Data Structures & Algorithms, Computer Networking, DBMS, System Programming & Operating Systems, Machine Learning, Data Science & Big Data Analysis, Software Testing & Quality Assurance, Object Oriented Programming, Computer Graphics, Web Technology, Microprocessors

Pune, India
Nov 22 - Jul 25

Maharashtra State Board of Technical Education

Diploma in Computer Technology | **Percentage**: 90.11/100 | Courses: Data Structures & Algorithms, Object Oriented Programming, Network & Information Security, Software Engineering, Computer Graphics, Operating Systems, Client Side Scripting, Mobile Application Development, Programming with Python, Basic & Digital Electronics, DBMS, Microprocessors

Pune, India
Nov 19 - Jun 22

SKILLS

- **Programming Languages and Frameworks**: Python, C++, Java, HTML, CSS, JS, Tailwind CSS, NumPy, Pandas, Seaborn, Matplotlib, SQL, OpenCV, MongoDB.
- **Tools and Technologies:** Jupyter Notebook, Microsoft Visual Studio Code, PowerBI, Unity, Linux, GitHub, Google Collab
- **Soft Skills:** Analytical & Problem-solving, Fast Learner, Communication & Collaboration, Adaptability, Leadership, Meticulous

EXPERIENCE

Intern at Kasnet Technologies | Microsoft Certified for AZ-900 | Microsoft Certified for AI-900

- Learned about working with Azure containers, virtual machines, cloud economy, and Azure compute services.
- Gained practical knowledge of Agile methodologies, including an introduction to scrums, Scrum Master roles, user stories, sprints, and backlogs, which enhanced my understanding of team collaboration and project management.
- Explored Power BI dashboards, tools, data visualization, report generation, and services, which enhanced my data analysis skills
- Completed two real-time projects: UK Client Data Visualization and Healthcare Report for Hospitals.

Pune, India
Dec 23 - Feb 24

Trainee & Intern at Internshala

- Learned the fundamentals of Python, including lists, tuples, data types, dictionaries, classes, objects, and functions, enhancing my programming foundation
- Developed a fully fledged GUI based cricket app with the help of Python & Tkinter.
- Gave a test after the completion of the training as well as my internship to test my knowledge of python & scored 100% on the test

Pune, India
June 21 - Sep 21

PROJECTS

BTC/USDT Prediction using LSTM & Regression Analysis | Jan 2024
This project was a part of the problem statement given for IIT Kharagpur's Data Science Hackathon 2024. Completed this project by performing several tasks such as gathering of data, Exploratory Data Analysis & building the model using LSTM. The model is built on the dataset provided by the IIT Kharagpur team which consisted of the prices for bitcoin & USDT from the years 2018 - 2022

Image Classification using CIFAR-10 | Mar 23
I was a trainee at Acmegrade for AI/ML, where I worked on image classification using the CIFAR-10 dataset as my final project. I compared the performance of Artificial Neural Networks (ANN) and Convolutional Neural Networks (CNN), finding that CNN outperformed ANN in accuracy and efficiency for image classification tasks.

Note2Speech | Nov 22
I developed a project named Note2Speech, an enhanced and user-friendly version of Notepad. This application utilizes speech recognition to read text aloud, offering a seamless user experience. It was part of my project-based learning, and I coded the entire application in Python.

J.A.R.V.I.S | May 21
I developed a project named J.A.R.V.I.S, an AI assistant specifically designed for Windows. Using various Python modules and a custom GUI, I built this assistant to perform tasks and provide a more interactive experience. I accomplished this at the age of 17

AWARDS

- Semi Finalist @Google's Hack4Change Hackathon 2024 for project idea & prototype - Elysium
- Semi Finalist @Kharagpur Data Science Hackathon 2024 for project BTC/USDT Prediction using LSTM
- WINNER - Nirmitee project competition 2022 for Diploma Final year project - Augmented Reality app to convert 2D Images to 3D Models
- THIRD RANK @State level project competition 2021 organized by SVCP, Pune for project J.A.R.V.I.S.