Siddhi Dingorkar

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EDUCATION

MIT World Peace University   Pune, Maharashtra
Bachelor of Technology in Computer Science   Sep 2021 - Jun 2025
Cumulative GPA: 8.32/10.0
Relevant Coursework: Data Analysis, Data Structures; Operating Systems; Algorithms; Artificial Intelligence

Elpro International School   Pune, Maharashtra
Higher Secondary Examination, CBSE   Aug 2019 - Jun 2021
Overall percentage: 86/100

Sanskriti School   Pune, Maharashtra
Secondary Examination, CBSE   May 2019
Overall percentage: 83.6/100

KEY EXPERTISE

Programming Languages: C, C++, Java, Python, HTML, CSS, Javascript
Web Development: React.js, AngularJS, MongoDB, PHP, MySQL, REST API
Machine Learning: Pandas, Numpy, Matplotlib, Keras, Tensorflow, Scikit-Learn, RNN, CNN, OpenCV, PyTorch, LLM, Seaborn, Matplotlib
Version Control: Git, Github

WORK EXPERIENCE

Velox Solutions   Navi Mumbai, Maharashtra
Frontend Web Developer Intern   Feb 2024 - Apr 2024
Implemented web user authentication and authorization using ReactJS and JavaScript to ensure end-to-end security and usability for a healthcare company's platform.

PROJECTS

Retail Market Insight- Exploring Shopping Trends. (Data Analysis)   Nov2023
Github Link
- Analyzed shopping trends by meticulously cleansing and processing data to ensure precision.
- Identified top-selling items, evaluated reviews, shipping partners, and payment modes, providing insights to enhance customer experience and drive growth.

Surplus Food Rescue and Distribution Platform - ShareABite. (Web Development)   Dec 2023
Github Link
- Developed a web platform that partnered with 6+ local suppliers to efficiently manage the rescue and equitable distribution of surplus food.
- Optimized logistics networks, and streamlined donation and volunteer coordination processes reducing wastage by 80%.

E-Commerce Inventory Management Tool. (Object Oriented Programming)   Sep 2023
Github Link
- Crafted a Command-Line Interface (CLI) Ecommerce Inventory Management Tool tailored for sellers, streamlining daily sales tracking and maintaining comprehensive sales records.
- Developed an efficient solution catering to sellers, facilitating seamless daily sales tracking and comprehensive sales sheet maintenance.

Synthetic Image Generation for Enhanced Cervical Cancer Diagnostics. (Image Generation)   Feb 2024
Github Link
- Implemented data augmentation techniques to increase the robustness of the diagnostic model, resulting in a 15% improvement in accuracy for cervical cancer detection.
- Validated the synthetic images to ensure clinical relevance, enhancing the model's reliability in diagnostic applications.

Car Rental System. **(Software Development)**   Jan 2023
[Github Link](#)
- Implemented a responsive car rental system with SQL, PHP, HTML, CSS, and JavaScript, facilitating streamlined management of vehicle rentals, fleet, clients, reservations, and payments.

EXTRA-CURRICULAR

Computer Society Of India
Core Member, PR and Content Team
- Coordinated marketing efforts for college events, successfully engaging an audience of over 500 participants through strategic promotional campaigns.
- Developed and implemented innovative social media strategies, boosting club event visibility and engagement by brainstorming creative marketing ideas.

MIT WPU University Women's Basketball Team
Team Player
- Multiple intercollegiate championship victories as a part of MIT WPU University Women's Basketball.

CSI MIT-WPU Innoverse
Organizer
- Actively registered over 400 participants and led effective marketing campaigns across the college campus to enhance event visibility and engagement.

ACTIVITIES

Bytes4Charity Hackathon
Second Place
- Developed a responsive web application for the NGO OpenMinds, reflecting the organization's mission and values, as part of a hackathon project.
- Utilized React and Bootstrap to create a fully responsive website, enhancing OpenMinds' online presence and accessibility.

Earth5R
AI and ML Content Writer
- Worked on data collection and analysis by studying various web resources related to artificial intelligence and machine learning.

HackMIT'23 Workathon
Participation

NASA Space Apps Challenge 2023
Participation

TRAINING & COURSES

National Academic Immersion Programme on Automation and Robotics   Bhopal, Madhya Pradesh
National Institute of Technical Teachers' Training and Research   Feb 2024
- Studied RobotStudio to handle offline programming, simulation, and advanced robotics, enabling the creation and execution of precise robotic tasks within virtual environments.

The Web Developer Bootcamp 2023   Oct 2022
- Mastered HTML5, CSS3, and Modern JavaScript in full-stack web development. Build real web apps, deploy securely on the cloud, and gain expertise in front-end and back-end technologies.

PUBLICATION

"Real-Time Data Processing Architectures for IoT Applications: A Comprehensive Review", presented at the Technological Innovations and Advance Computing Conference, by IEEE Publishing Services. [(Link)](#)