SAMARTH MURLIDHAR JAGAKAR

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Thane, Maharashtra - 421605, India

OBJECTIVE

Enthusiastic about joining a forward-thinking tech company where I can apply my diverse skills in software development, AI, and financial analysis to contribute to innovative projects and advance my professional growth.

PROJECTS

- **Project A: Interactive Whiteboard System**   *May 2023 - May 2024*
  Tools: Python, OpenCV, NumPy
  - Developed a real-time interactive whiteboard system using OpenCV and NumPy for object detection and gesture recognition.
  - Created a user-friendly interface with custom-designed features, allowing for seamless interaction between users and the whiteboard.
  - Designed and implemented custom gesture recognition algorithms using NumPy, ensuring accurate and responsive user input.

- **Project B: Personal Portfolio Website**   *July 2024*
  Tools: HTML, CSS, JavaScript
  - Designed and developed a responsive personal portfolio website using HTML, CSS, and JavaScript.
  - Implemented a clean and modern user interface, highlighting key projects and professional experiences.
  - Optimized the website for different devices and screen sizes to ensure a seamless user experience.

EDUCATION

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  University of Mumbai   *June 2020 - July 2024*
  B.E Computer science (Artificial intelligence and machine learning   Thane, India
  * Percentage: 63%
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  K.V.Pendharkar college   *2020*
  Secondary Education   Dombivli
  * Percentage: 49%
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  K.N.T public school   *2018*
  Primary Education   Titwala
  * Percentage: 81%

PATENTS AND PUBLICATIONS   C=CONFERENCE, J=JOURNAL, P=PATENT, S=IN SUBMISSION, T=THESIS

[C.1]   Samarth Jagakar, et al. (Year). **OpenCV based virtual interactive whiteboard using Python**. In *11th internation conference on Microelectronis, circuits and systems* . 17 May 2024, Delhi. Sr.No: VDC0E4SM/MICRO-2024/001

SKILLS

- **Programming Languages:** Java, Python, JavaScript
- **Web Technologies:** HTML5, CSS3, JDBC, Servlet, Spring Boot
- **Database Systems:** PostgreSQL
- **Data Science & Machine Learning:** Pandas, NumPy, OpenCV
- **Cloud Technologies:** Microsoft Azure
- **DevOps & Version Control:** Git, GitHub
- **Specialized Area:** Artificial Intelligence, Machine Learning, Web Development
- **Mathematical & Statistical Tools:** Excel, Jupyter Notebooks
- **Other Tools & Technologies:** Eclipse, Visual Studio Code
- **Research Skills:** Literature Review, Research Paper Writing

CERTIFICATIONS

- **JSpiders,Thane:** Java Full Stack Development   *January 2024*
- **Udemy:** The Complete GSAP: JavaScript ,HTML and CSS Course   *December, 2023*

ADDITIONAL INFORMATION

Languages: English, Marathi, Hindi

Interests: Bike riding, Playing PC Games, Travelling