OM VATALIYA

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I am a Beta Microsoft Learn Student Ambassador (MLSA), and I swiftly advanced from Alpha to Beta status within a month, orchestrating impactful workshops and advocating for free Microsoft technologies globally. I have had internship experiences, such as developing an advanced attendance system at The Maharaja Sayajirao University of Baroda and leading projects like AR-based customizable T-shirts at BeFriends.ai, which have highlighted my leadership and innovation. With a diverse skill set and a proven track record of transformative projects, including overseeing advanced cloud hosting and CI/CD setups for applications, I am deeply committed to driving innovation and creating impactful solutions in the tech industry's dynamic landscape.

SOFT SKILLS

- Research
- Project Support
- Fast Learner
- Creativity and Innovation
- Teamwork and Collaboration
- Strong Academic Record
- Project Management
- Problem-Solving

HARD SKILLS

- Web Design / Development
- IOT
- Version Control (Git , GitHub)
- C
- C++
- JAVA
- Microcontroller Programming
- SHELL
- UNIX / LINUX
- PYTHON
- JAVASCRIPT
- PHP
- UI/UX
- Performance Optimization
- DBMS (ORACLE , MYSQL , MONGODB)
- Debugging
- OOP
- SQL

PROFESSIONAL EXPERIENCE

HAZHTEQ INNOVATIONS   **March 2022 - Present**
Web Developer Intern   **Vadodara , Gujarat**

Developed a responsive review-based marketing platform for shops, integrating verification systems and discount networking. Utilized HTML, CSS, JavaScript for frontend and PHP for backend, ensuring seamless interaction and quality service, with local testing and data migration.

Accomplishments:

- Spearheaded the development of a responsive review-based marketing platform for shops.
- Integrated verification systems and discount networking to enhance user experience (80%).
- Employed HTML, CSS, and JavaScript for frontend development to ensure responsiveness.
- Utilized PHP for backend development, guaranteeing seamless interaction and quality service (90%).
- Conducted local testing and data migration to maintain platform integrity and efficiency (85%).

BeFriends.ai   **March 2022 - June 2022**
Research Intern   **Vadodara , Gujarat**

Researched diverse cloud hosting solutions, integrating Flask AI API with personal AI assistants and digital avatars across various platforms. Hosted Flask AI API on multiple cloud platforms to ensure seamless interaction with personal AI assistants, emphasizing Flask and cloud technologies.

Accomplishments:

- Conducted extensive research on diverse cloud hosting solutions.
- Integrated Flask AI API with personal AI assistants and digital avatars across various platforms (85%).
- Hosted Flask AI API on multiple cloud platforms to optimize performance and accessibility.
- Ensured seamless interaction with personal AI assistants through robust Flask and cloud technologies (80%).
- Played a key role in enhancing user experiences by leveraging innovative AI integration strategies.

FLAW-D
AR Research Intern

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July 2022 - December 2022
Vadodara , Gujarat

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Created AR-based customizable T-shirts featuring anime characters using Three.js and AR Scanner. Designed and modeled GLTF character models, enabling full customization of six different T-shirt designs, integrating HTML for element manipulation.

Accomplishments:

- Led the creation of AR-based customizable T-shirts featuring anime characters (90%).
- Developed GLTF character models, facilitating full customization of six different T-shirt designs.
- Integrated Three.js and AR Scanner for immersive augmented reality experiences (85%).
- Leveraged HTML for element manipulation to enhance user customization options.
- Ensured seamless interaction and user engagement through meticulous design and development (92%).

Microsoft Learn Student Ambassdors
Beta MLSA

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December 2023 - Present
Vadodara , Gujarat

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As a Microsoft Learn Student Ambassador (MLSA), I mastered Azure Cloud Platform and AI Fundamentals. Developed a portfolio website using React, hosted on Azure Static Web App, and optimized workflows with GitHub Codespaces. As a Beta MLSA, organized workshops and events, advocating for free Microsoft technologies.

Accomplishments:

- Developed proficiency in public speaking and refined communication skills.
- Mastered Azure Cloud Platform and Azure AI Fundamentals (90%).
- Crafted a personalized portfolio website using React and hosted it on Azure Static Web Application (85%).
- Optimized development workflows with GitHub Codespaces, successfully meeting the pull request challenge.
- Orchestrated workshops, advocated for free Microsoft technologies, and organized events as a Beta MLSA, contributing to global student community advancement (92%).

The Maharaja Sayajirao University of Baroda | DCA
Summer Intern

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May 2023 - July 2023
Vadodara , Gujarat

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During my summer internship, I developed an advanced attendance system using Arduino programming and database management skills. Established Serial Communication between micro-controllers, managed data with Google Docs, and published two research papers showcasing innovative solutions and contributions.

Accomplishments:

- Developed an advanced attendance system using Arduino programming and database management skills (88%).
- Established Serial Communication between micro-controllers for efficient data transfer (82%).
- Managed project data effectively using Google Docs.
- Published two research papers, demonstrating innovative solutions and contributions during the internship (90%).

EDUCATION

Maharaja Sayajirao University of Baroda, Vadodara
Bachelor of Computer Applications

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May 2022 - May 2025

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LANGUAGES

- **Gujarati** (First Language)
- **Hindi** (Proficient)
- **English** (Intermediate)

SOCIAL LINKS

- **www.linkedin.com/in/omcodes23**
- **https://github.com/Omcodes23**