

VIPUL MILIND VADHE

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SUMMARY

Computer Science graduate with hands-on experience in building **web platforms**, **AI tools**, **gaming systems**. Selected for a Design and Development **Internship** at **Koushiki Innovision**, focusing on creating and developing **educational board games**. Proficient in designing user-friendly **websites**, **AI chatbots**, interactive **board games**, making tasks more efficient and engaging. **Skilled** in **programming**, **database management**, and basic **cloud technologies**, with a strong focus on **teamwork**, **leadership**, and **problem-solving**. Currently **researching AI-Driven Personalized Healthcare with Wearables**, focusing on **real-time health monitoring** and **disease prediction**, with work in progress for publication. Currently pursuing a **master's in computer applications (MCA)** at **MIT World Peace University**.

EDUCATION

Masters in Computer Applications (MCA)

MIT World Peace University, **Pune** | Expected Completion: **2025**

Bachelor's of Computer Science (BCS)

Sinhgad College of Science, **Pune** | Graduated: **2023**

INTERNSHIPS

Design and Development Intern – LUDO Board Game

Koushiki Innovision, Pune | **January 2025 – June 2025**

- Designed interactive **dice themes** with **educational elements** for a customizable **Ludo game**.
- Implemented a **theme selector** and **multi-dice mechanics** for **engaging** gameplay.

PROJECTS

Cloud Classroom (Group Project)

A web application to streamline operations for a client

- Built using **HTML**, **CSS**, **PHP**, and **MySQL**.
- Improved remote access to courses, schedules, and results, leading to a **40%** increase in student engagement and a **25%** boost in learning efficiency.
- Integrated a **feedback system** for students and faculty, **enhancing communication** and course quality.

AI Healthcare Bot System (Solo Project)

A Python based AI chatbot to provide immediate medical guidance and facilitate location-based services.

- Developed using **HTML**, **CSS**, **JavaScript**, **Python**, **Django**, and **MySQL**.
- Significantly improved access to **healthcare information**, achieving **higher accuracy** in **disease risk prediction** and **enhancing healthcare** access efficiency in **rural areas**.
- Added a feature to recommend nearby **medical facilities** based on the user's location.

BookStore (Solo Project)

A responsive website for browsing and purchasing books

- Built using **HTML**, **CSS**, **JavaScript**, and **PHP**.
- Features book search, **sorting**, user login, and **cart management**, with direct **email support** for queries to the admin.
- Implemented an **admin panel** for managing **books**, inventory, and user **accounts efficiently**.

Online Gaming ESports Tournament System (Group Project)

A website to manage and streamline activities related to the ESports tournament

- Built as an **Android application** using **Java** and **Firebase** for **backend services**.
- Enabled efficient **tournament management**, including team **registrations**, **schedules**, and **result tracking**.
- Built a **user-friendly interface** for participants and organizers, **enhancing engagement** and accessibility.

SKILLS

- **Programming Languages:** Python, Core Java, HTML, CSS, JavaScript, PHP
- **Databases:** MySQL
- **Tools:** Git, GitHub, Adobe Photoshop, Adobe Illustrator, Coral Draw, Visual Studio Code, PyCharm, Eclipse
- **Cloud Technologies:** Basic AWS Knowledge, Azure Fundamentals
- **Data Tools:** Power BI
- **Core Competencies:** Problem-solving, teamwork, leadership, organization, project management, and basic data analytics

CERTIFICATIONS

- **AWS Cloud Quest: Cloud Practitioner** – Amazon Web Services.
- **AWS Cloud Practitioner Essentials** – Amazon Web Services.
- **Google UX Design Professional Certificate** – Google Career Certificates.
- **Introduction to Cloud Computing** – IBM.
- **Complete Code Camp on C, C++, Java, Python Programming** – Udemy.
- **Graphic Design Masterclass (Photoshop, Illustrator, CorelDRAW)** – Udemy.

RESEARCH & PUBLICATION

AI-Driven Personalized Healthcare with Wearables (In Publishing Stage)

- Ongoing research as part of the MCA curriculum, exploring **AI-powered wearable healthcare solutions**.
- Focuses on **real-time health monitoring, disease detection, and personalized recommendations**.
- The study also addresses challenges like privacy, data integration, and ethical considerations.
- **Final work** is in **progress** for **publication**.

ACHIEVEMENTS

- Successfully participated in the Hackathon at MIT World Peace University, collaborating with peers to solve real-world challenges using innovative solutions.
- Successfully led and managed multiple projects, ensuring efficient delivery and team collaboration.
- Enhanced rural healthcare access through AI-driven chatbots.
- Actively participated in hackathons and competitions, applying technical skills to solve real-world challenges.

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Marathi (Native)

HOBBIES

- Coding and Exploring New Technologies
- Graphic designing and creative art.
- Playing Badminton
- Outdoor Activities