

MADHUPRIYA C

Portfolio

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📍 Chennai - India

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EXPERIENCE

UI/UX Intern

8 Queens Technology

📅 Nov 2024 - Jan 2025

📍 Chennai, India

- Assisted in designing and optimizing user interfaces for web and mobile applications.
- Worked on user research, wireframing, and prototyping to enhance usability and visual appeal.
- Gained hands-on experience with Figma/Adobe XD, design systems, and real-user feedback to refine UI/UX workflows.

UI/UX Intern

Stockzo

📅 April 2024 - May 2024

📍 India

- Created intuitive user flows, wireframes, and interactive prototypes to improve accessibility and engagement for diverse user groups.
- Collaborated with developers and stakeholders to ensure design alignment with social impact goals and real-world usability.
- Utilized tools like Figma and Adobe XD to design responsive, user-friendly interfaces for web and mobile platforms.

TECHNICAL SKILLS

- **Design & Prototyping Tools:** Figma, Adobe XD, Canva
- **Frontend Development:** HTML, CSS, JavaScript, Bootstrap, Material UI
- **UI/UX Concepts:** Wireframing, Prototyping, Design Systems, Responsive Design, User Flows, Journey Mapping, Empathy Mapping
- **User Research & Testing:** Usability Testing, A/B Testing, User Personas, Accessibility (WCAG)
- **Additional Knowledge:** Programming: C++, Python; Tools: MS Excel, Power BI, Tableau

EDUCATION

B.Tech. (IT) - 9.39 CGPA

Bharth Institute of Higher Education and Research Technology

📅 2021 - 2025

📍 Chennai, Tamilnadu

Higher Secondary - 86%

Vivekananda Vidyalaya

📅 2021

📍 Chennai, Tamilnadu

Secondary - 82%

Vivekananda Vidyalaya

📅 2019

📍 Chennai

PROJECTS

Fintrust

- Figma | Adobe XD | Canva
- Designed an intuitive personal finance and e-money management app, enabling users to track expenses, set savings goals, and manage investments from a unified dashboard. Focused on a clean and accessible interface and a seamless user experience across devices.

ZenSync

- Figma | HTML | CSS | JavaScript
- Designed an intuitive smart home control app to monitor and manage multiple connected devices from a unified interface. Focused on clean user interface, responsive design, and seamless user experience across devices.

ACHIEVEMENTS

- All India University – Bronze Medalist in Gatka
- SGFI – Bronze Medalist in Tangta
- State Level – Gold Medalist in Silambam.
- Completed Bharatanatyam (Classical Dance) and Achieved Black Belt in Karate.
- Secured a **5-star rating** for Data structure and Algorithm and 3-star rating for SQL on HackerRank.
- Solved Over **250 Coding Questions** on Different Coding Websites.

PAPER IN PROGRESS

Intelligent Road Mark Detection Using YOLOv8 for Autonomous Navigation

- Developed a YOLOv8-based road mark detection system to improve real-time accuracy for autonomous navigation. Performance evaluated using mAP, precision and recall, ensuring reliable detection of lane markings and traffic symbols.

Sign Language Recognition Using Graph Convolutional Networks Integrated with Attention and Residual Connections

- Designed a lightweight GCAR-based sign language recognition system using graph convolution, attention, and residuals for real-time gesture classification. Processed skeleton joint data from ISL-CSLTR and ASLLVD datasets with PyTorch and OpenCV, optimized for CPU inference and low-latency applications.