Achyuth Unni

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PROFESSIONAL EXPERIENCE

Interactive Museum Consultants | Trivandrum, Kerala | Full Stack Developer & Designer | July 2025 – Present
- Developed interactive touchscreen kiosks and multimedia exhibits using modern full-stack technologies, achieving a ~30% improvement in loading performance through UI optimization and efficient asset handling.
- Designed and executed the complete suite of wall posters and environmental graphics for the gallery, ensuring high-quality visual standards across the physical exhibition space.

JIITAK Inc. | Kochi, Kerala | Graphic Design Intern | March 2025 – July 2025
- Collaborated with Japanese teams during a 4-month internship to design 15+ digital assets and reusable templates for web and marketing campaigns, contributing to consistent brand identity across cross-border platforms.

Kerala State Science & Technology Museum | Trivandrum, Kerala Graphic Designer (Contract) | September 2024
- Contributed to a two-week graphic design project for the Computer Artifacts Museum and Gallery under the Government of Kerala's 100-day action plan, designing high-resolution wall graphics and information panels.

Cipherbytes Technologies | Remote Web Development Intern | August 2024
- Developed and submitted portfolio and event management sites remotely using HTML, CSS, and JavaScript, ensuring responsiveness for accessibility across various devices.

TECHNICAL SKILLS

- *Programming & Web:* HTML, CSS, Tailwind, JavaScript, React.js, Python, MySQL, Java, C, C++, Linux.
- *Design Tools:* Figma, Adobe Illustrator, Adobe Photoshop, Adobe InDesign, Canva, UI/UX Fundamentals.
- *Core Concepts:* Responsive Web Design, Version Control (Git), Deployment, Wireframing, Interactive Media.

KEY PROJECTS

Interactive Museum Exhibits (Kiosk & Computer Vision)
- **OS Navigation Kiosk:** Developed a touchscreen kiosk with a home screen navigation system allowing users to explore different operating systems. Integrated GitHub projects to showcase historical computing interfaces.
- **Face Detection Exhibit:** Real-time exhibit using Python/OpenCV that detects visitor faces and converts them to pencil sketches. Improved processing time by ~20% with optimized image pipeline.
- **Tech Stack:** React, HTML/SCSS, Python, OpenCV, Face Detection Libraries.

EduAR: Augmented Reality Education App
- Developed an AR application that enhances learning by scanning textbook images to display interactive 3D models.
- Led UI design efforts, creating an intuitive interface that improved user engagement and learning outcomes.
- **Publication:** Presented survey paper on "AR Based Education App" at **IEEE RAICS 2024** (Available on IEEE Xplore).
- **Tech Stack:** Unity Game Engine, Adobe Illustrator, Figma.

Residential Property Rental Portal
- Designed a web portal enabling users to efficiently browse, list, and manage rental properties, focusing on responsive UI design and user authentication.
- **Tech Stack:** HTML, CSS, JavaScript, MySQL.

EDUCATION

Bachelor of Technology in Computer Science Engineering | 2020 – 2024 | Adi Shankara Institute of Engineering and Technology, Kalady
- **CGPA:** 6.68

CERTIFICATIONS & LEADERSHIP

- *Certifications:* Google UX Design & IT Support, Deep Learning (IIT Ropar), Problem Solving in C (IIT KGP)
- *Leadership:* Graphic Design Lead (CSI Chapter, 2 yrs) & Event Coordinator (Brahma Tech Fest)