MUKIL KUMAR
INTERACTION DESIGNER

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Education

IIT Bombay   **Present**
Masters in Design | Interaction Design

IET Lucknow, Uttar Pradesh   **June 2024**
Bachelor of Technology | Electronics & Communication Engineering

Work Experience

Marinella Studio | Automobile Designer   **Mar 2024**
Remote | Internship
Designed the Car sketches and CAD models from the mood boards.

IIT Bombay | Drone Design Intern   **Jan 2022 - Mar 2022**
Remote | Internship
Designed multipurpose Military drone , created wireframes, and conducted user studies to meet aesthetic goals. Collaborated with a team of 10 and contributed to coding the drone's PID control, delivering 10+ concepts within half the tenure.

Projects

KodeBoard   **Aug 2024**
UX Design • Accessibility
A keyboard for individuals with disabilities, addressing the limitations of standard layouts without isolating users. Maintained familiar ergonomics while integrating intuitive features to enhance usability and inclusivity.

jokifAI   **Nov 2024**
Guide - Prof. Jayesh Pillai
AI product to generate humorous commentary on user-uploaded images, mimicking me and my friends unique humor. neva AI model analyze images and deliver info and jokes.

Opto-steering system   **Aug 2024**
UX Design • Accessibility
A modular, cost-efficient optical encoder steering system for enhanced accessibility and user experience for both specially-abled and non-disabled individuals.

Portfolio

https://mukil.vercel.app

Skills

Design
Storyboarding, Wireframing, Sketching, User Flows, Heuristic Evaluation, Surveys, UI Design, Affinity mapping, Rapid Prototyping, Micro Interaction, 3D Design, 3D Animation, UX Research, Creative Problem-Solving, Sketching & Visualization, Tangible Interaction Design

Development
React.js, Three.js, C/C++, C#, Java, Python, Micropython, Arduino Jekyll, HTML/CSS

Tools
Adobe XD, Figma, Miro, Blender, VS Code, Unity, UE, Git & Github, Autodesk Maya, Webflow Adobe Dreamweaver, Solid Works, Midjourney (GenAI), Vizcom (GenAI),

Achievements

- **Winner** @ Eyantra Dream Lab 2021 at IITB
- **CEED** 2024 AIR 11

Position of Responsibility

Teaching Assistant
At IMXD Lab under Prof. Jayesh Pillai
Immersive Media Experience Design (IMXD) Lab, IDC, IIT Bombay (ongoing)