MUKIL KUMAR

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EDUCATION

Institute of Engineering & Technology	**Lucknow, Uttar Pradesh**
Bachelor of Technology in Electronics & Communication Engineering	August 2019 - July 2023

Coursera	**Lucknow, Uttar Pradesh**
Google UI/UX Design Professional certificate	December 2022

WORK EXPERIENCE

Indian Institute of Technology Bombay	**Mumbai, Maharashtra**
Transportation/ Product Design Intern	January 2022 - March 2022

• Outline 20+ Multipurpose Drone Bodies throughout the session with strict deadlines

• Developed wireframes, and smooth journey maps, Produce visual designs, wireframes, and mock-ups from concept to delivery of three printable outcomes.

• Improve and consolidate strict visual and aesthetic goals by leading user studies among all 10 design departments.

• Coordinated with ten project partners to optimize workflow and achieve objectives.

• Successfully delivered10+ concepts and final deliverables within the half tenure.

Digital Ink	**Aligarh, Uttar Pradesh**
Creative Graphic Designer & Product Designer	June 2021 - October 2021

• Managed and redesign solid and creative design skills, and designed 300+ final rendered deliverables with 20+ animations to support product branding strategies and usability.

• Revamped workflow and productivity by working with 20+ clients to gather and define requirements, establish scopes, manage project milestones and increase revenue by up to 25%.

• Conducted evaluative testing with 10+ participants, synthesized and depict against findings which reduced error rate for primary user flow by 30%

• Reduced plot costs by 50 percent by creating a plan to merge related products into one, more streamlined product.

• Delivered high-quality designs that met or exceeded client expectations, Increasing the overall company growth by 30%.

SKILLS & COMPETENCY

Skills   Automotive / Transportation Designing, Industrial Designing, Sketching, Interaction design, Wireframing and prototyping, UX research, Web development, Empathy, Communication, Graphic design, Animation Design, 3D Designing, Texturing, Rendering, 3D Modelling.

Interests   Badminton, Videogames, Hardware UX, Photography

Coding   HTML&CSS, JavaScript, C++, Python, three.js, Nodejs

Soft skills   Communication, Collaboration, Presentation, Proficiency in design tools, Strong understanding of design principles, Research/interview skills, Self-management.

TOOLBOX

Tools   InVision, SketchUp, Sketch, Cinema4D, Unity, 3dsMax, Arduino, Adobe Design Suite, Adobe XD, Figma, Blender, Maya, UE 5, Android studios, Visual studios.

PROJECT EXPERIENCE

Optical-Encoder-based steering system   November 2021 – October 2022

• Charted mini head optical encoder steering system for specially-abled people.

• Centralized robust 600 PPR optical-encoder steering system for the best possible User-Experience for non-disabled people.

• Successfully devised the modular steering system with an encoder align with an AVR-based microcontroller.

• Reduce the weight of the vehicle by 5%, introduce the scope of autonomy, and grow operation accuracy.

• Administered usability study to evaluative testing with 20+ participants, synthesized and designed against findings what are the key advantages and factors amplified primary user accuracy flow by 30%

• Reducing manufacturing costs by 40% by introducing modularity and reusability for better and possible personalized setup.

LANGUAGES

English, Italian, Hindi