

anusha narayan

profile

I am a user-centric engineer, with a passion for designing data-driven, digital solutions. My work revolves around placing the user at the core of the design process, ensuring that the solutions I create are not only innovative and efficient but also meaningful and accessible. With a track record of crafting effective answers to complex problems, I strive to make a positive impact through thoughtful design and engineering.

experience

MathWorks - UX Designer

March 2025 - current

- Supporting the AUTOSAR and Code Generation teams, designing features to enhance code generation workflows
- Conduct the full user-centric design lifecycle, including collaborative design sprints, workflow diagramming, and benchmarking
- Create lo-fi and hi-fi prototypes using Figma to refine and validate design solutions
- Advocate for user needs and pain points to the development team to improve usability and functionality
- Ensure all features are designed with accessibility in mind, meeting inclusive design standards

MathWorks - Application Support Engineer

September 2024 - March 2025

- Provided advanced technical support to customers across diverse workflows, from machine learning to physical modelling
- Collaborated with developers and sales teams to help customers optimize their workflows
- Troubleshoot and resolved complex technical issues to enhance customer experience and product efficiency

MathWorks - UX Design Intern

April 2023 - September 2023

- Supported Text Analytics and AI Verification & Validation teams
- Sole UX representative to Text Analytics team, working to design new features to enhance data preprocessing
- In charge of redesign of instructional diagrams advising on how to implement AI into safety critical systems

MathWorks - UX Design Intern

April 2023 - September 2023

- Worked on redesign of MATLAB interface
- Designed new features for the Parallel Computing Toolbox
- Extended accessibility support for MATLAB Online

education

Imperial College London - MEng Design Engineering

October 2020 - June 2024

- Grade: First Class Honours
- Courses in: Human-Centred Design, Sustainable Design, Design for Behavioural Change, Machine Learning, Data Science, Python, Javascript, MATLAB, FEA, Solid Mechanics, Electronics
- Master's Thesis: A Structured Method for Designing Sensory Interventions for Neonatal Intensive Care Units
Supervisor: Dr Talya Porat

projects

Classify

October 2023 - current

- group project as part of an Enterprise Roll Out module
- designed a tracker for primary school students to holistically track academic and personal progress