

Suyash Junnarkar

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Product Designer & AI-Assisted UX Engineer

Summary

Product/UX Designer with an electronics engineering foundation, specializing in complex technical domains. Proficient in bridging design and development by rapidly prototyping and shipping functional, front-end features using AI-assisted engineering tools. Proven ability to deeply understand and simplify enterprise user workflows and solve complex, zero-to-one problems.

Skills

AI-Augmented UX, Accessibility, Workflow Mapping, Jobs-to-be-Done (JTBD), Design system management, Prototyping, Usability Testing, Frontend Architecture (AI-Assisted)

Tools: Figma, Miro, Adobe Creative Suite, SourceGraph Cody, Claude Code, Gemini, VS Code

Work Experience

UX Designer *MATHWORKS INC., JAN 2023 - PRESENT, NATICK, MA*

- Created automated tooling to transition legacy icons, successfully reducing the shipped product footprint by 621MB
- Designed Simulink Copilot “Thinking” workflow with 9 out of 10 external users stating they would use the feature in every session
- Designed and developed front-end features for Simulink using TypeScript, heavily leveraging Claude Code as an AI pair-programmer to accelerate execution

Engineer *MATHWORKS INC., JUNE 2022 - JAN 2023, NATICK, MA*

- Interacted with customers through service calls with leading automotive companies(Ford, Ferrari, Mercedes, etc.) to understand pain points and provide solutions
- Designed details panel for quick search in Simulink which improved discoverability of key workflows and increased tool adoption by 30%

UX Design Intern *MATHWORKS INC., MAY 2021 - AUG 2021, NATICK, MA*

- Audited the Simulink editor toolstrip using heuristic evaluation methods, identifying usability issues across interaction patterns and prioritizing findings by severity and user impact
- Presented redesign recommendations to the UX team, contributing directly to the product backlog and gaining a grounding in how UX integrates across the full software development lifecycle

Education

MSc in HCI *GEORGIA INSTITUTE OF TECHNOLOGY, AUG 2019 - MAY 2022, ATLANTA, GA*

Notable coursework: User Research Methods, Interaction Design, Prototyping, Usability Evaluation, Neural Networks and Human Thinking

B.Tech Electronics Engineering *VEERMATA JIJABAI TECH. INST., AUG 2015 - MAY 2019, MUMBAI, INDIA*

Notable coursework: Embedded Systems, Signal Processing, Sensors, Machine Learning

Interests

- 3D Printing
- AI for Learning
- Line Drawn Sketching
- Billiards