VIGHNESH B IYER

UI / UX DESIGNER

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PROFILE

Innovative **UI/UX and Product Designer** with an overall experience of **3 years and 10 months** across digital product environments, advanced 3D modelling, and visual communication frameworks at studios including MPC Films - Technicolor to apply advanced visual hierarchy, spatial depth, and lighting principles to user interfaces, effectively reducing cognitive load for users navigating complex systems. Offers specialized expertise as an **Independent UI/UX Designer** driving end-to-end wireframing, dense data visualization, and tokenized design systems in Figma.

Currently accelerating next-generation capabilities through the **Advanced Certificate Program at IIT Madras Pravartak**, focusing on **Agentic AI and GenAI interface architectures**. Highly skilled in lowering cognitive load by translating data-dense layouts into intuitive user experiences, backed by a perfect 4.00/4.00 CGPA in UI/UX Design from IIIT-Bangalore and advanced practical proficiency in **Claude AI-driven web deployment**.

SKILLS & TOOLS

UX & Product: User Experience (UX) • User Interface (UI) • User-centred design • UX research (interviews, surveys, competitive analysis) • Journey mapping • Personas • Information architecture (IA) • Interaction design • Wireframing • Prototyping • User flows • Usability testing • Heuristic evaluation • Accessibility (WCAG 2.1) • Responsive web design.

AI & Next-Gen Interface Workflows: Agentic UI Layout Design, Prompt Engineering Interfaces, AI-Driven Prototyping, Large Language Model (LLM) UI Workflows, AI Engineering Tools (Claude AI, Perplexity, Rocket AI).

Design Systems & Engineering: Design systems • Component libraries • Design tokens • Variables • Figma (auto-layout, variants, prototyping) • HTML/CSS.

Visual & 3D: Visual design • Layout composition • Maya • 3DS Max • Z-Brush • Photoshop • CorelDRAW • Nuke.

EXPERIENCE

UX / UI Designer (Feb 2026 – Jun 2026)

Baron Tech Labs | Bangalore, IN

- **Product Architecture Ownership:** Conceptualized, wireframed, and architected the complete cross-platform UI/UX ecosystem for *TradeRake*, a high-frequency fintech trading platform. Completed Stage 1 (branding website) scaling the product across 25+ responsive mobile and web layouts as the independent designer and executed 90% of Stage 2 (login, live markets, order placement, portfolio tracking) prior to company ceasing all operations followed by company closure abruptly due to financial difficulty. Focused on information architecture, interaction design, wireframing, prototyping, and scalable design systems to maintain usability in complex systems.
- **Complex Data Systems & Visualization:** Designed intuitive, low-cognitive-load layouts for dense financial data structures, including live candlestick market charts, complex order books, and real-time portfolio trackers.
- **Design System Architecture:** Built and managed a scalable, pixel-perfect component library in Figma (utilizing advanced auto-layouts, variants, and variables), accelerating future design iterations and standardising dev-handoff processes.
- **AI Integration Framework:** Integrated advanced AI research frameworks (Perplexity & Rocket AI) into the product lifecycle, cutting user persona benchmarking and visual asset generation cycles by 40%.
- *Note: Operations ceased company-wide in June 2026 due to sudden financial liquidation; core product architecture successfully reached 90% completion.*

3D Modelling Artist (Jul 2021 – Feb 2023)

MPC Films – Technicolor | Bangalore, IN

- Contributed to Secret Headquarters, Guillermo del Toro's Pinocchio (2022), Poacher TV Series (2024), Ant-Man and the Wasp: Quantomania.
- Created hard-surface, environment, and prop models in Autodesk Maya, later implemented in final film production.

Graphics Designer (Feb 2019 – May 2020)

Ovion Lifestyle Pvt. Ltd. | Bangalore, IN

- Created 3D and 2D product visuals using Autodesk Maya, Adobe Photoshop, and CorelDRAW.
- Enhanced product visual appeal by integrating textures and imagery.
- Produced visual presentations and marketing materials to highlight product fit and features.

Jr. 3D Engineer (Sep 2018 – Jan 2019)

TreisTek India Pvt. Ltd. | Bangalore, IN

- Designed textures for buildings using Photoshop and mapped them onto 3D models in Autodesk Maya.
- Performed quality checks on finished products and provided feedback and reports.

UI/UX PROJECTS

Interactive Personal Web Profile & Portfolio (Active Claude AI Build)

Portfolio Website

Live Project | View Case Study

- **Role:** UX/UI Designer & Builder (end-to-end, self-initiated)
- **AI-assisted build (Claude AI):** Audited my old portfolio from a recruiter's view and found buried work, 22 MB pages and code-only updates. I then redesigned it in Figma with a new information architecture, a dark-theme design system and one case-study template used by all 12 projects.
- **AI-assisted build (Claude AI):** Used Claude to build the UI from my Figma designs (Astro) and set up a no-code CMS (Pages CMS + GitHub Actions), so I can publish updates from the browser.
- **Performance:** Cut the heaviest page from 22.5 MB to 0.2 MB and the 3D render library from 226 MB to 30 MB, with automatic WebP image compression.
- **Tools:** Figma, Claude AI, Astro, Pages CMS, GitHub

TradeRake – Website Design

Stock Market Trading Platform

Screenshots | View Case Study

- **Role:** Independent UI/UX Designer
- Designed end-to-end UI/UX architecture for TradeRake, a stock trading web and mobile ecosystem, from information architecture through high-fidelity execution.
- Built a scalable component library in Figma for pixel-perfect alignment & responsive layouts.
- Created home, features, pricing, FAQ, about pages & core trading platform reached 90% design completion before company operations ceased in June 2026.
- *Note: Operations ceased company-wide in June 2026 due to which live website www.traderake.com is down.*

HMI Interface Design

Automotive Dashboard

View Case Study | **Case Study**

- **Role:** Lead Interaction Designer
- Designed a modern car dashboard HMI for clear access to speed, fuel, and critical driver alerts.
- Optimized information hierarchy to highlight key data and reduce distraction while driving.

tripora – Smart Travel App

Mobile App

View Case Study | **Case Study**

- **Role:** End-to-end Product Designer
- Designed a mobile-first travel booking app for flights, hotels, trains, and buses, including visual seat selection, real-time pricing, and support chat.
- Built intuitive navigation and personalized filters for a seamless booking experience across domestic and international travel.
- Conducted user research and competitive analysis to define key personas and address core pain points.

CYBERBID – Auction Platform

Mobile App

View Case Study | **Case Study**

- **Role:** End-to-end Product Designer
- Developed a mobile-responsive, high-fidelity eAuction prototype with intuitive navigation, real-time interaction, and gamified engagement.
- Defined user-specific workflows for buyers, sellers, and suppliers to streamline the auction process.
- Designed end-to-end UX in Figma, integrating flows, wireframes, and prototypes for a dynamic, user-first experience.

GRADUATION & ADVANCED EDUCATION

IIT Madras Pravartak Technologies Foundation

- Advanced Certificate Program in UI-UX Design with Agentic AI and Generative AI
- **Timeline:** Commencing November 2026 (8-Month Specialized Track, Online + Physical Campus Immersion)
- **Key Core Focus:** Designing interfaces for autonomous AI agents, prompt/multi-agent interactions, complex operational flows, and future-proofed user experiences.

IIIT-Bangalore

- Post Graduate Certification in UI/UX Design | **Graduation:** 2025
- **Academic Standout:** Graduated with a flawless cumulative **CGPA of 4.00 / 4.00**.

Annamalai University, India

- B.Sc. in Visual Communication | **Graduation:** 2023.

ADDED CREDENTIALS & LANGUAGES

Certifications:

- Generative AI: Introduction and Applications **(Coursera 2026)** | Certification Link
- Arena Animation International Program — Arena Animation **(2018)**

Languages: English (Native) • Hindi (Fluent) • Tamil (Mother tongue)