Gunasekaran Sundarraj

GS

UX DESIGNER · PRODUCT & INTERACTION DESIGN · DESIGN SYSTEMS

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17+ YEARS IN UX & DESIGN

10+ YEARS ACROSS GE & BAKER HUGHES

4 PLATFORMS · DESKTOP, WEB, MOBILE, TABLET

10 FEATURED PRODUCT CASE STUDIES

Executive profile

UX designer with 17 years of experience, including more than 10 years across GE and Baker Hughes, designing complex industrial and enterprise products across desktop, web, mobile, and tablet. Combines hands-on design with user research, information architecture, interaction design, wireframing, prototyping, visual design, design standards, usability validation, and developer handoff. Brings 1 year of practical AI prompting experience and works closely with product owners, stakeholders, and engineering teams throughout Agile delivery.

Technical value

01 **Cross-platform UX strategy** — align desktop, web, mobile, and tablet experiences around shared user goals, workflow logic, and interaction standards.

02 **End-to-end design ownership** — guide work from discovery and research through flows, wireframes, prototypes, visual specifications, validation, and implementation support.

03 **Complex workflow simplification** — translate technical and industrial processes into understandable, task-focused interfaces and information structures.

04 **Collaborative delivery** — partner with product owners, stakeholders, developers, and cross-functional teams in Agile environments to resolve ambiguity and sustain design intent.

05 **Design quality at scale** — contribute reusable patterns, standards, and system-level consistency while remaining close to detailed interaction and visual decisions.

06 **User-centred design (UCD)** — ground every decision in user research, real tasks, and usability feedback, iterating from wireframes to validated designs so products fit how people actually work.

STRATEGY & DESIGN

UX Strategy · User-Centred Design (UCD) · Information Architecture · Visual & UI Design · Cross-platform Design · Agile UX Delivery · AI Prompting · 1 yr

UX METHODS

User Research · Wireframing · Design Systems / Standards · Stakeholder Facilitation · Developer Handoff

TOOLS & DELIVERY

Figma · Adobe · Balsamiq · Interaction Design · Prototyping · Usability Validation · Product-owner Partnership · Implementation Collaboration

SELECTED PRODUCT PORTFOLIO

- Rhythm Insight Review · Rhythm Review
- Xapprover ADR · Datos Xact
- InspectionWorks · Dose Manager
- RVI Mentor · Etzel Zoom · Ultrasound Mentor
- Scott Safety SAM — Tyco Fire and Security

EXPERIENCE

Where I've designed

Hexagon Manufacturing Intelligence

Full-time · 1 mo

Digital Technology Senior Specialist – UX Visual Design
Nov 2026 – Present · 1 mo | Bengaluru, Karnataka, India · Hybrid

Baker Hughes

Full-time · 6 yrs 5 mos

Staff User Experience Designer
Jan 2022 – Oct 2026 · 4 yrs 10 mos | India · Hybrid

- **Led user-centered design activities** for complex industrial and enterprise products, connecting user needs, product direction, and engineering constraints.
- **Owned and contributed across the UX lifecycle**: research planning, user and stakeholder conversations, task and workflow analysis, information architecture, interaction flows, wireframes, prototypes, visual design, and usability validation.
- **Shaped cross-platform experiences** for desktop, web, mobile, and tablet, maintaining continuity while adapting patterns to device context and workflow needs.
- **Partnered with product owners and stakeholders** to clarify problems, surface priorities, frame design decisions, and build alignment around experience direction.
- **Collaborated with developers throughout Agile delivery**, providing specifications, design assets, interaction guidance, review feedback, and implementation support.
- **Advanced design consistency** through reusable interaction patterns, visual standards, and system-level thinking across related products and workflows.
- **Facilitated design reviews**, mentored UI and UX team members, and led usability-focused conversations that make risks, trade-offs, and user impact visible before and during implementation.
- **Contributed hands-on UX design** to Rhythm Insight Review, Rhythm Review, Xapprover ADR, Datos Xact, InspectionWorks, RVI Mentor, Etzel Zoom, and Ultrasound Mentor.
- **Received team awards and an individual award** for unique design contributions.

Skills: Wireframing · Prototyping · Branding & Identity · Information Architecture · UX Research · Figma · Balsamiq · Adobe Creative Cloud

Senior User Experience Designer
Jun 2020 – Jan 2022 · 1 yr 8 mos | Bengaluru, Karnataka, India

Skills: Wireframing · Prototyping · Branding & Identity · Information Architecture · UX Research · Figma · Balsamiq · Adobe Creative Cloud

SELECTED PROJECT CONTRIBUTIONS

Rhythm Insight Review / Rhythm Review
Workflow analysis, interaction design, prototyping, stakeholder reviews, and delivery support.

Xapprover ADR / Datos Xact
Information architecture, task flows, interaction design, visual refinement, and stakeholder alignment.

InspectionWorks
Cross-functional UX work focused on inspection workflows, usability, consistency, and implementation quality.

RVI Mentor / Etzel Zoom / Ultrasound Mentor
Research, task-flow design, prototyping, visual design, and usability validation across mentor experiences.

General Electric (GE)

Full-time · 4 yrs 5 mos

Senior User Experience Designer

Jun 2017 – Jun 2020 · 3 yrs 1 mo | India

Skills | Wireframing | Prototyping | Branding & Identity | Information Architecture | UX Research

Lead Engineer – User Experience

Feb 2016 – Jun 2017 · 1 yr 5 mos | Bangalore

Skills | Wireframing | Prototyping | UX Research

Tyco Fire and Security India Pvt. Ltd.

Full-time · 1 yr 1 mo

Senior Software Engineer – User Experiences

Aug 2014 – Aug 2015 · 1 yr 1 mo | Bangalore

Scott Safety SAM (Service and Asset Management) — designed the iPad and iPhone (SAM Inspect) experience used by fire-department crews to inspect, track, and report on SCBA and safety equipment, including categorised notifications, station and equipment-type inventory reports, and PDF / CSV export.

Skills | Wireframing | Prototyping

Onward Technologies Limited

Full-time · 2 yrs 3 mos

UI / UX Design Engineer

May 2012 – Jul 2014 · 2 yrs 3 mos | Bangalore

Skills | Wireframing | Prototyping

Vagus Technologies

Full-time · 2 yrs 3 mos

Team Lead – Web Development & Graphic Design, HR

Mar 2010 – May 2012 · 2 yrs 3 mos | India

- Led the software and HR teams as team leader.

Skills | Wireframing

DCPL Software Pvt Ltd

Full-time · 1 yr 10 mos

Senior Web & Graphics Designer

Jun 2008 – Mar 2010 · 1 yr 10 mos | India

- Senior web designer and graphic designer.

Design strengths

- Creates structure in ambiguous, technically complex problem spaces.
- Communicates design rationale for users, product owners, stakeholders, and engineers.
- Champions user-centered standards within real delivery constraints.
- Moves comfortably between strategic direction and detailed interaction or visual design.
- Builds alignment through visible artifacts, iterative review, and practical trade-offs.

UX practice & delivery approach

01 — Discover
Understand users, tasks, context, product intent, technical boundaries, and stakeholder expectations.

02 — Define
Synthesize findings into experience principles, information structures, priority workflows, and decision-ready direction.

03 — Design
Create flows, wireframes, prototypes, visual interfaces, responsive behaviors, and reusable patterns.

04 — Validate
Use reviews and usability feedback to identify friction, test assumptions, and refine clarity.

05 — Deliver
Prepare specs and assets, collaborate with developers, review builds, and protect intent through release.

Certifications

Design Thinking in AI
Indian Institute of Management Kozhikode · May 2025

Certification of Membership
Interaction Design Foundation · March 2018 · ID 32134

UX-PM Level 1
UXalliance · February 2017 · ID UX-PM1-0865-IN17-0029

Remote Sensing & Geoinformation Science
Indian Institute of Remote Sensing · August 2015

Education & training

Bachelor of Computer Applications (BCA)
Bharathidasan University · 2001–2003

E-Castle Academy · 2007–2008
Animation, web design and development, illustration, Flash / ActionScript, 3D animation, and UI design.

Languages & community

Tamil · Native

English · Full professional

Kannada · Professional working

Program Coordinator, Baker Hughes
CSR and social-service volunteering · Apr 2021–present

Club Coordinator, Baker Hughes
Toastmasters community and communication activities · Jan 2021–present

Featured case studies

https://uxguna.in/

INDUSTRIAL UX
Rhythm Insight Review
Helps NDT specialists move from dense radiographic data to confident integrity decisions.

PRODUCT DESIGN
Rhythm Review
A focused workflow for reviewing signals, evidence and outcomes across complex datasets.

ENTERPRISE UX
Xapprover ADR
An approval workspace that clarifies risk, ownership and next actions for distributed teams.

DATA EXPERIENCE
Datos Xact
A data-centric product built for rapid inspection and accurate interpretation.

INDUSTRIAL UX
InspectionWorks
Connects field activity, evidence and actionable reporting in one workflow.

GUIDED WORKFLOW
RVI Mentor
A mentor-like interface supporting remote visual inspection with contextual guidance.

VISUALIZATION
Etzel Zoom
Deep-zoom exploration for precise inspection of high-value visual evidence.

LEARNING EXPERIENCE
Ultrasound Mentor
A guided ultrasound workflow that builds confidence through progressive assistance.

INDUSTRIAL UX
Dose Manager
Real-time radiation dose tracking for industrial radiography within ALARA limits.

ENTERPRISE UX
Scott Safety SAM
iPad and iPhone service and asset management for fire-department equipment.

See the work behind the résumé

10 case studies covering industrial inspection, enterprise approval, data and learning experiences.

Portfolio · https://uxguna.in/ ↗