

BHARATHI GOPAL

UI/UX DESIGNER | SOFTWARE ENGINEER

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

UI/UX Designer with a Bachelor's in Computer Science and hands-on experience designing dashboards, user flows, and data-driven interfaces for real production systems, including industrial monitoring platforms and an AI-assisted coaching application. Skilled in translating complex operational requirements into clear, usable workflows using Stitch, Figma, and SQL, backed by a software engineering foundation (Python, Java, SQL) that supports close collaboration with engineering teams and AI-assisted development (Claude Code).

TECHNICAL SKILLS

UI/UX: UI/UX Design, Figma, Stitch (Google), Wireframing, Prototyping, User Flows, Dashboard Design, Responsive Web Design

Programming and Web: HTML, CSS, Java, Python, Object-Oriented Programming

Data and Tools: SQL, Git, GitHub, SDLC

PROFESSIONAL EXPERIENCE

Software Engineer, Pivara Technologies | Erode

April 2026 – Present

- Design UI/UX for dashboards and web applications, including a thermal-analysis dashboard within a SCADA platform.
- Turn operational requirements into user flows, Figma designs, and SQL-backed dashboard views, working closely with engineers.
- Designed and built an LLM-assisted call-quality and coaching application using AI-assisted development (Claude Code) on SvelteKit, TypeScript, Tailwind CSS, FastAPI, SQLite, Alembic, and OpenRouter — owning product design, UX, and requirements.
- Built role-based dashboards and background workflows for transcription, scoring, and translation.

PROJECTS

LLM-Assisted Call Quality Application

July–August 2026

SvelteKit, TypeScript, Tailwind CSS, FastAPI, SQLite, Alembic, OpenRouter, LLMs

- Designed role-based dashboards for representatives and administrators: score trends, factor-level performance, team leaderboards, periodic summaries, onboarding, and team management.

Thermal Analysis Application

May–July 2026

UI/UX Design, Figma, SQL, Data Visualization

- Designed and refined dashboard screens for industrial thermal/process data within a SCADA platform; structured user flows and used SQL to align screens with operational needs.

Analysis of Mixing of Pseudo-Random Number Generators

June–October 2024

Statistical Analysis, Entropy Analysis, Information Security

- Researched mixing strategies and applied statistical and entropy testing to compare the randomness and distribution of generated sequences.

EDUCATION

Bachelor of Computer Science and Engineering, Kongu Engineering College | CGPA: 7.38

2021–2025

HSC: 94.19%

2020–2021

SSLC: 94.00%

2018–2019

CERTIFICATIONS

- Claude Code in Action — Anthropic (Skilljar), May 2026 — [View Credential](#)
- Full Stack Development (Java and Python) — KodNest, February 2026 — [View Credential](#)
- Privacy and Security in Online Social Media — NPTEL, April 2024 — [View Credential](#)