

Praveen Kumar T

Product Designer | Developer

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Summary

Developer and UI/UX Designer with experience building digital products from research and design to development and deployment. Skilled in user research, wireframing, user flows, and high-fidelity prototyping in Figma, alongside backend and full-stack development using Python and Firebase. Experienced in translating user needs into intuitive interfaces and scalable technical solutions, with open-source contributions and a published database utility package on PyPI. B.Tech in Information Technology graduate passionate about bridging design and engineering to create impactful, user-centered products, and open to full-time and freelance opportunities in Product Design, UI/UX, and Software Development.

Skills

Design: Figma, Wireframing, Prototyping, High-Fidelity UI, Design Systems, Component Libraries

UX/Product: User Research, Personas, Journey Maps, Information Architecture, Usability Testing, User Flows, MVP Planning

Development: Python, HTML5, CSS3, JavaScript (learning), Firebase (Auth, Firestore, Storage, Hosting), Git & GitHub

AI & Tools: AI-assisted development, AI workflow design, LLM integration concepts, VS Code, Notion, Miro, Behance

Experience

UI/UX Designer Intern – CodSoft

Chennai, India

- Designed mobile app screens for onboarding, dashboard, and settings in Figma
- Built low-to-high fidelity wireframes and iterated from review feedback
- Mapped user flows and information architecture for a task management app

Web Development Intern – Edunet Foundation x AICTE

Chennai, India

- Built responsive pages using HTML5, CSS3, and JavaScript
- Translated Figma designs into frontend code through a design-to-code workflow
- Used Git and GitHub for version control throughout the project

Projects

TapGo – Smart College Transport and Attendance System

UX/UI Case Study, Figma, Behance

- Identified student transport pain points including unpredictable arrivals and high seasonal commuting costs
- Designed an NFC-tap mobile experience for automated passenger log-in, real-time tracking, and automated SMS alerts
- Conducted user research, formulated 2 key personas, and mapped journeys across 15+ interactive high-fidelity screens

ClaimTrip – Travel Without Anxiety

UX/UI Case Study, Figma, Behance

- Designed a calm travel companion app for itinerary planning, packing checklists, and real-time trip updates
- Delivered competitor analysis, robust information architecture, unified design system components, and full mobile flows

Ghostlite-DB — Open Source Python Database Engine

- Built and published a lightweight Python database engine to PyPI — installable worldwide via pip install ghostlite
- Features: SQL-style query engine, full-text search, REST API server, web dashboard, admin panel, and distributed node sync

NeuroScent — Scent-Mapped Multi-Round Encryption System

- Conceived system architecture: scent-inspired encryption involving block reshuffling, filler injection, and AES-GCM
- Built Python encryption backend, real-time Firebase session tracking, and designed the comprehensive Figma prototype

Education

Dr. MGR Educational and Research Institute, Chennai

Bachelor of Technology in Information Technology

CGPA: 8.05 / 10

Certifications

UI/UX Design Essentials – Coursera Agile Project Management – Coursera Technical Support Fundamentals – Coursera Web Development Fundamentals – Self-Paced

Leadership & Volunteering

President, GG Club (2025 – 2026) – Leading tech-driven sustainability campaigns and campus digital awareness events for 100+ members.

SDG Volunteer (2025 – 2026) – Collaborating with local organisations on community outreach and sustainability initiatives.

Languages

English – Fluent Tamil – Native