

# THAKUR SAMEER SHETTY TAMMANA

Product Designer • Designs and prototypes in code • [thakursameershetty.com](https://thakursameershetty.com)  
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## Experience

### Spotmies LLP – Product Designer (UI/UX, grew into full stack builds) | Dec 2025 – Present

- **Rao Bahadur (raobahadur.in):** Designed and built, alone and in 6 days, a fan site and admin panel for a Telugu film. Dropped sign-up so visitors could post straight away: 271 theories and 144 comments, and the film's X account sent people to the site 4 times in 10 days.
- **MutinyX creator app:** Designed about 35 screens across two versions and built both frontends in React Native on my team lead's architecture. Redesigned submissions into tracking per deliverable after creators couldn't tell where to submit each one.
- **Amero X (crypto trading platform):** Refined 21 screens (trading, swap, P2P, wallet) to feel premium and trustworthy, then built the landing page in Next.js.
- **Spotmies website:** Researched, designed and built the company's new site in Next.js, replacing a stock-photo template, in 2 weeks.
- **Peddi (Roblox World):** Co-built the game world for the film's launch (49.5K views on its X announcement).
- **TMN / Satara Today:** Designed a news app and website that work in both English and Marathi, where readers can react, vote and write articles. Handed off detailed interaction specs to the development team, who built it.

## Education

### Gayatri Vidya Parishad College for Degree & P.G. Courses

Bachelor of Technology in Computer Science (CGPA 8.54/10)

**August 2023 – June 2026**

Andhra Pradesh, India

### Government Polytechnic Visakhapatnam

Electrical & Electronics Engineering (Grade 80%)

**March 2020 – May 2023**

Andhra Pradesh, India

## Projects

### SamudraGupt-Q (final-year project) | Research, design + build (Three.js, Python, Flask, Node.js)

- Designed and built a live command dashboard for a simulated underwater drone swarm. Phones stream motion data 10 times a second to a Python backend that flags problems and physical captures before they reach the operator. Tested the system with 7 attack scenarios run live, and documented what was still simulated and what should come next.

### Nova UPI | Solo designer (Figma)

- Designed a UPI payments app in 48 hours: user flow, wireframes, a design system and about 50 screens, prototyped so the whole thing could be clicked through.

### Hand-tracking interfaces | Solo: design + build (MediaPipe, OpenCV, Three.js, Flask)

- Designed and built touchless interfaces: a shop and a music player you control with your hand, and a gym trainer that counts reps from live video.

## Achievements

- **Smart India Hackathon (2025):** Researched and pitched YatraSarthi, an AI-based idea for managing train traffic on Indian Railways. The judges praised the idea and the pitch.
- **Tutedude Hackathon 2025, Solo Traveler App:** Designed 19 high-fidelity screens in under 24 hours from our team's research: a survey of 10 people, interviews, affinity mapping and a review of 4 competing apps. The biggest worries in the survey were financial safety (70%) and personal safety (60%), so I designed an SOS screen that shares your location with emergency contacts, alongside a budget planner and a community of nearby travellers.
- **GDG IWD & Hack With Vizag 3.0 (2025):** Worked with engineering teams on AI apps for accessibility and cognitive assessment (MindBridge, CogniScan).

## Technical Skills

**Design:** Figma, user flows, wireframing, prototyping, design systems, handoff, accessibility, After Effects

**Frontend:** HTML/CSS, JavaScript, TypeScript, React, Next.js, React Native, Three.js, Framer Motion

**Backend, data and AI:** Python, Flask, Node.js, MongoDB, REST APIs, OpenCV, MediaPipe, scikit-learn