Nagubathula Satya Sai

Product Engineer & Designer

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PROFESSIONAL EXPERIENCE

Andhra Pradesh Solar Power Corporation Pvt Ltd   Jul 2024 – Oct 2024 | Vijayawada, India
Product Engineer
 - Developed 2 fullstack Web and Network applications with OWASAP guidelines
 - Redesigned the web applications

Traboda Solutions PVT LTD ↗   Aug 2023 – Jul 2024 | Kollam, India
Product Engineer
 - Pursued as a freelancer, taking on diverse projects requiring adaptability and a broad skill set.
 - Specialized in hardware and web development, with a strong focus on creating intuitive UI/UX designs.
 - Contributed to internal projects, including the development of Chaya UI (chaya.traboda.com ↗),
 - Developed RESTful APIs to enhance application functionality
 - Enhanced and optimized the organization's UI systems to improve overall user experience.
 - Focused on creating seamless and efficient user journeys for internal projects and client-facing platforms.

Redantio Solutions PVT LTD ↗   Feb 2023 – Aug 2023 | Kollam, India
Design and Development Engineer
 - Collaborated with the CEO and Product team to prototype and design user interfaces and experiences (UI/UX).
 - Developed hardware GUIs and designed PCBs, ensuring seamless integration of software and hardware.
 - Conducted research, testing, and iterative improvements to enhance product usability.
 - Collaborated with software and hardware teams to streamline development.
 - Involved in Machine Learning projects with OpenCV and Pytorch.

Redantio Solutions PVT LTD ↗   Jan 2022 – Feb 2023 | Kollam, India
Intern
 - Specialized in designing and developing web applications during internship at Redantio Solutions PVT LTD.
 - Led UI design and development for the GUI of a cybersecurity application.
 - Led UI design and development for multiple web apps.
 - Collaborated closely with product and development teams to enhance interfaces and optimize user experiences.
 - Contributed to hardware security training board development, honing skills in software-hardware integration.
 - Collaborated with team to integrate software and hardware, enhancing cross-domain integration skills.

SKILLS

Full Stack Development (2+ Years) — React, NextJS, Typescript, Python, Javascript, Django, GraphQL, REST, Tailwind, Flask, NodeJS, Framer Motion, Astro, ShadCN, Microsoft SQL, MySQL, MongoDB, HTML5, CSS3, Bootstrap, WordPress, API Integration

UI/UX (5+ Years) — Figma, Jira, User flows, Experience Mapping, Wireframes, Prototype, Mockups, Interaction Design, Rapid Prototyping, Design System

Other Skills — Powerpoint, Excel, Git, Jira, GitHub, Test Driven Development, Agile Development

Soft Skills — Mentoring, Team Building, Collaboration, Compassion, Problem Solving, Critical Thinking, Communication, Creativity, Passion Driven, Product Management, Attention to Detail

PROJECTS

KLUPas - Public Addressing System
350 nodes | 24/7 Surveillance | Built with NodeJs, React and MySQL | Esp32 | **klupas.in** ⊡

BSides Kochi - Landing Page
Built with NextJS and framer Motion | **bsideskochi.in** ⊡

Attendo - Device Attendance Management System
Track Attendance of 50 Devices | Wi Fi | Packet Analyzer | Figma | Built with NextJS ,NodeJs, MySQL |
hippogriff.in/attendo

TailUs Ui Kit - TailwindCSS Based Figma Ui kit
800 + Reusable components | Figma | Tailwind Based | **hippogriff.in/tailus** ⊡

Own Your Bill - Restaurant Grade Web based POS System
20 clients | PWA | Offline Access | Built with PWA ,NextJS and MongoDB | Running since 2022 |
ownyourbill.vercel.app ⊡

CHAYA UI - Open Source React UI Library
40+ Accessible & Extensible UI Components | Typescript | Tailwind | Radix | **chaya.traboda.com** ⊡

CERTIFICATIONS

Google UX Design Certification, Responsive Web Design - Free Code Cam, Internshala Fullstack Web
Development, Google Analytics Individual Certification, Legacy JavaScript Algorithms and Data Structures-
Free Code Camp, Problem Solving Certificate- HackerRank (Basic and Intermediate), Hackerrank Software
Engineer Intern Certificate, Networking Basics Course Badge by Cisco Networking Academy

ACHIEVEMENTS

- **Finalists & Runner Up,** Kavach Cyber Security Hackathon, 2023
- **First Runner Up at Hardware CTF.** NULLCON GOA 2022
- **Galactic Impact Award,** NASA Space Apps Challenge, 2023
- **Local Award for Local Impact Award,** NASA Space Apps Challenge 2022

VOLUNTEERING & ACTIVITIES

SAY NO TO CYBER BULLYING (2022)
Contributed to community education initiatives by conducting sessions aimed at educating school students
about cyberbullying, raising awareness and promoting digital safety practices among young learners.

AYUDH (2023)
Built and operate merchandise store platform for promotions of indigenous crafts.

EDUCATION

B.Tech (Electronics and Communication Engineering)   2021 – 2025 | 8.2 CGPA
Koneru Lakshmaiah Educational Foundation
- Actively engaged and participated in the activities of amFOSS - Free & Open Source (FOSS) student
  community
- Mentored students in team bi0s, India's No.1 Ranked CTF Team.
- Took Part in Developing college portals
- Won 14 Hackathons

LANGUAGES

Telugu, English, Hindi