

# Sri Sai Rahul Bonala

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## SUMMARY

Product Designer (UI/UX & Developer) with 3+ years of experience unifying design strategy and technical execution to build scalable, AI-native digital products. Expert in rapid prototyping and developing enterprise tools using an integrated workflow of Figma, Java, and Python. Adept at applying data insights to drive a **95% increase in customer satisfaction** and **reduce workflow times by 90%**, delivering intuitive, WCAG-compliant solutions from concept to deployment

## SKILLS

**Design & Prototyping:** Figma (Advanced), Adobe XD, Sketch, Photoshop, Framer, Webflow, Lottie, Miro, Loveable

**UI Strategy & Research:** Design Systems, Information Architecture (IA), Interaction Design, Micro-interactions, End-to-End Prototyping, WCAG Accessibility, User Research, Usability Testing, Complex Data Visualization, Journey Mapping

**Technical & Development:** HTML5, CSS3, Java, Python, JSF, Git, Storybook (Concepts), Linux, React.js

**AI & Emerging Tech:** AI-Native Workflows, Prompt Engineering (Copilot, Gemini, ChatGPT, Claude, Midjourney), Figma AI, Antigravity

**Methodologies & Domain:** Agile/Scrum, SDLC, Design Thinking, SaaS Product Design, Control Tower Interfaces, Cross-Functional Leadership

**Project Tools:** Jira, Confluence, MS Office

## EXPERIENCE

### UI/UX Designer and Developer | Smiths Detection

Jan 2023 – Present

- Streamlined the end-to-end user experience (UX) across **3 major projects** by translating data insights into strategic data-driven UI design decisions
- Engineered a developer-grade dashboard interfaces for the Service Console for airport technicians that **reduced maintenance time by 80%**, improved diagnostic accuracy, and simplified complex enterprise workflows
- Executed complete **UI** redesign bridging design and technical implementation using **Java, HTML & CSS**, resulting in a **95% increase in positive user feedback** during FY25
- Boosted global customer satisfaction increased by **85%** across Europe, North America, Asia-Pacific, and the Middle East by deploying timely and visually consistent UI enhancements aligned with global product standards
- Created high-fidelity prototypes **with advanced micro-interactions and motion** to simulate real-time complex data flows and validate end-to-end user journeys
- Partnered with developers and product managers to align long-term **UX strategy** with technical feasibility, ensuring consistent design quality and system reliability across all releases
- Led client-facing engagements in Wiesbaden, Germany, including product demonstrations, UI/hardware feedback sessions, and **end-user training** for airport personnel to global product adoption
- Conducted 3 comprehensive usability tests to drive product iteration, analyzing user feedback to implement key enhancements that **decreased customer support requests by 70%**
- Developed internal **UI/UX documentation** and accessibility standards to establish consistent, high-quality user experience across all company platforms

## PERSONAL PROJECTS

- Build Your Own Company (B2B SaaS Platform):** Engineered a software procurement platform, featuring an interactive **3D service configurator** that simplifies complex agency hiring
- Bestanswers.ai (GenAI Multi-Agent System):** Architected a Multi-Agent Consensus Engine using API key and Llama 3 and a real-time "debate" between 4 AI personas to eliminate hallucinations & synthesize a zero-latency "Master Answer."
- Dosth App (Urban Utility & Mobility):** Conceptualized an all-in-one urban app, designing the novel **"Propose Pay"** pricing model for emergency rides and an end-to-end logistics flow for on-demand repairs
- Bar App (Fintech Investment):** Formulated a mobile-first micro-investing platform for digital gold/silver, creating accessible **data dashboards** that allow users to automate goal-based savings with as little as ₹10
- Waggle (Marketplace):** Designed a trusted on-demand pet care marketplace, focusing on **trust mechanics**, verified profile flows, and real-time scheduling to resolve user anxiety

## EDUCATION

SASTRA University, Tamil Nadu

Sep 2019 – May 2023

Bachelor of Technology in Electronics & Instrumentation Engineering CGPA: 8/10