Tanya Sony

tanya.s140602@gmail.com | (+91)9846944930 | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

Summary

Junior Frontend Developer with 2+ years of experience building production-grade applications and mission-critical workflow products at Corestrat, now expanding into full-stack engineering. Proven ability to design scalable front-end architectures, develop performant APIs, and deploy fully containerized services on Azure App Services and cloud-native environments. Skilled in React, Next.js, TypeScript, Golang, Python, REST/Microservices, CI/CD pipelines, and secure authentication systems. Known for taking complete ownership of features—from architecture to deployment—and delivering systems that are reliable, fast, and business-impactful. Passionate about building end-to-end platforms that solve real problems at scale and feel polished, intuitive, and enterprise-ready.

Professional Experience

Corestrat, Bangalore   Feb 2023 - Present
(6-month internship + full-time role)

Frontend Developer   Aug 2023 - Present
- Built and maintained production-grade UI systems using React, Next.js, Material UI, Tailwind, improving usability and reducing UI defects by 90% across major product modules.
- Developed reusable component libraries, interactive workflow builders, dynamic form engines, and role-based permission management systems used across multiple enterprise clients.
- Collaborated cross-functionally with backend, QA, product, and design teams—leading to faster release cycles and fewer integration issues. Designed and consumed REST APIs, integrated microservices, and improved data flow reliability across critical workflows.
- Created Python and Golang microservices for automation, data validation, and internal tooling that reduced manual effort for teams.
- Implemented performance optimizations (memoization, lazy loading, pagination, code splitting, redux states) that reduced load times and improved Lighthouse scores across the app.
- Owned end-to-end deployment of front-end and low-code backend modules to Azure App Services, setting up CI/CD workflows, environment configs, and monitoring.
- Worked in an Agile team environment—participated in sprint planning, code reviews, pair programming, and contributed to engineering best practices.

NeST Cybersecurity, Bangalore   Oct 2022
(1-month internship)

- Learned fundamentals of network security, Linux hardening, vulnerability scanning, and threat analysis.
- Built small PoCs on password auditing and log-event monitoring.

Education

Rajagiri School of Engineering and Technology, Kakkanad   2020 - 2024
BTech in Information Technology

Viswajyothi CMI Public School, Angamaly   2019 - 2020
CBSE, Senior Secondary

Viswajyothi CMI Public School, Angamaly   2017 - 2018
CBSE, High School

Skills

Frontend: React, Next.js, TypeScript, JavaScript ES6+, Redux, Tailwind, Material UI
Backend: Golang (Gin/Fiber), Python (FastAPI), Node.js (basic)
Databases: MySQL, MongoDB, Redis
DevOps: Docker, GitHub Actions, Linux, Azure DevOps (App Services, Pipelines, CI/CD)
Cloud: Azure
Other: WebSockets, Microservices, REST APIs, OAuth2/Auth0, JWT
Soft Skills:
Team Collaboration, Ownership Mindset, Problem-Solving, Adaptability, Communication, Attention
to Detail, Agile/Scrum, Cross-Functional Coordination, Fast Learner, Product Thinking

Projects

DLA — Digital Lending Automation Platform
Complete digital lending platform with web application and **Android mobile app** for automated
loan processing, document verification, and disbursement tracking. Implemented role-based
dashboards, real-time status tracking, and secure document management system.

*Tech Stack: React.js, Redux, Material UI, Capacitor, TypeScript, FastAPI, MySQL, Azure App
Services*

Rule.ai — Business Rule Engine

Enterprise-grade rule engine for complex business logic management with **visual rule builder**,
versioning system, and real-time execution engine. Supports multi-tenant architecture with
comprehensive audit trails.

Tech Stack: React.js, TypeScript, FastAPI, MongoDB, Redis, Azure

SmartCredit — Lending Decision & Risk Scoring Engine

Full-stack credit scoring and decisioning platform with ML-based risk assessment. Features include
dynamic rule builder UI, real-time decision engine, multi-tenant dashboards, automated PDF report
generation, and comprehensive analytics with role-based access control.

Tech Stack: Next.js, FastAPI, Golang, PostgreSQL, Machine Learning Models, Azure

AI Wellness Monitor — Computer Vision Productivity Assistant

Cross-platform desktop application with real-time face-touch detection, posture monitoring, and blink-rate tracking. Built optimized CV engine with TensorFlow/OpenCV and cloud analytics dashboard featuring habit tracking, smart alerts, and productivity trends visualization.

Tech Stack: TensorFlow, OpenCV, Electron, React, FastAPI, Python

InsightHub — AI-Powered Analytics & Auto-Reporting Platform

SaaS platform that transforms raw CSV data into actionable insights, interactive dashboards, and predictive analytics. Features automated data cleaning pipeline, ML forecasting, anomaly detection, and auto-generated PDF reports with visualizations.

Tech Stack: Next.js, FastAPI, scikit-learn, Prophet, PostgreSQL, Azure, Redis Caching

Corporate Website with CMS & SEO Optimization

Modern corporate website featuring dynamic content management system, blog platform, and comprehensive SEO optimization with Google Tag Manager integration for advanced analytics tracking and conversion monitoring.

Tech Stack: Next.js, FastAPI, TypeScript, Tailwind CSS, GTM, SEO Best Practices

Certifications

Data, Data Foundations
Working with React and Go (Golang)
Kubernetes & Docker Essentials (Udemy)