JAYANT SHRINGI

Frontend Developer | React.js, Next.js, JavaScript (ES6+)

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PROFESSIONAL SUMMARY

Security-focused Frontend Developer building fast, accessible, mobile-responsive web applications and Progressive Web Apps with React.js, Next.js, Tailwind CSS and JavaScript (ES6+). Experienced in REST API integration, component-based architecture, cross-browser compatibility and Core Web Vitals / Lighthouse optimization, with hands-on Python machine learning and cybersecurity project experience. BCA (Artificial Intelligence) student seeking a Frontend Developer internship or entry-level role.

TECHNICAL SKILLS

Languages: HTML5, CSS3, JavaScript (ES6+), Python
Frameworks & Libraries: React.js, Next.js 14, Tailwind CSS, Framer Motion, Zustand, jQuery, Flask, Streamlit, Chart.js
Frontend Concepts: Responsive Web Design, Mobile-First Design, CSS Grid, Flexbox, Component-Based Architecture, DOM Manipulation, State Management, Form Validation, Cross-Browser Compatibility, UI/UX Principles
Web Standards & Performance: Progressive Web Apps (PWA), Service Workers, REST API Integration, WebSockets, Web Accessibility (a11y), Core Web Vitals, Lighthouse, SEO, JWT Authentication (Client-Side)
Security & Data: OWASP Top 10, Secure Coding Practices, Cybersecurity Fundamentals, Intrusion Detection, Scapy, Wireshark (Basic), Linux (Basic), Scikit-Learn, Pandas, NumPy
Tools: Git, GitHub, GitHub Actions, VS Code, Chrome DevTools, Vercel, Debugging, Agile/Scrum Collaboration
Soft Skills: Leadership, Communication, Problem-Solving, Time Management, Cross-Functional Collaboration

PROJECTS

Atishay: Personalized Soap E-Commerce Platform

Next.js 14, React.js, Tailwind CSS, Framer Motion, Zustand, REST APIs
Live Demo: https://atishay-organicsoap.vercel.app/ | GitHub: https://github.com/jayantshringi/Atishay-OrganicSoap

- Built the customer-facing frontend in Next.js and React, including a 6-step skin-matching quiz and a live product visualizer that updates hue and texture in real time.
- Developed an admin dashboard showing live order and revenue metrics, using Zustand for state management and Framer Motion for micro-animations.
- Integrated REST APIs for authentication, checkout and order tracking; delivered a responsive layout from mobile to ultrawide screens.

Anomaly-Based Intrusion Detection System (IDS)

Python, Scikit-Learn (Isolation Forest), Scapy, Flask, Socket.IO, Streamlit, Chart.js, GitHub Actions
Live Demo: https://anomaly-based-ids.streamlit.app/ | GitHub: https://github.com/jayantshringi/Anomaly-Based-IDS

- Built a real-time, machine-learning IDS that captures live network traffic with Scapy and flags anomalies such as port scans, DDoS floods and data exfiltration using an Isolation Forest model.
- Engineered sliding-window feature extraction (packets per second, average packet size, TCP/UDP ratio) over rolling 1-second windows.
- Developed two dashboards: a cloud-deployed Streamlit control center with traffic simulation, live alert feed and on-the-fly model retraining from uploaded CSV logs, and a Flask + Socket.IO WebSocket dashboard with Chart.js visualizations.

AgriFarmers: Multi-Lingual Progressive Web App (Smart India Hackathon 2025)

HTML5, CSS3, JavaScript, Tailwind CSS, Service Workers, PWA
Live Demo: https://jayantshringi.github.io/AgriFarmers-SIH-2025 | GitHub: https://github.com/jayantshringi/AgriFarmers-SIH-2025

- Built an installable, offline-first PWA using Service Worker caching, delivering weather analytics, seed/fertilizer advice and live Mandi prices on low-bandwidth networks.
- Implemented English, Hindi and Punjabi localization (3 languages) with modular JSON dictionaries, plus a mobile-first, accessible interface with offline fallbacks.

Campus Utility Hub

HTML5, CSS3, Vanilla JavaScript (ES6+)
Live Demo: https://jayantshringi.github.io/Campus-Utility-Hub/ | GitHub: https://github.com/jayantshringi/Campus-Utility-Hub

- Engineered an 8-module student dashboard (attendance tracker, SGPA/CGPA calculator, expense splitter, password strength analyzer, theme generator) with DOM manipulation and zero external dependencies.
- Implemented a greedy debt-settlement algorithm, real-time base conversion and a live CSS theme generator for color, spacing and typography.

LEADERSHIP & EXPERIENCE

Organizing Team Head, IEEE Delhi Section (NIMS University) | Feb 2025 – Nov 2025 | Jaipur, India

- Led a team of peers to plan and deliver multiple technical and non-technical events end to end, from concept to execution.
- Managed technical operations and check-in portal interfaces for campus event DSSYWLC-24 with 180+ participants.
- Coordinated an industry expo visit covering web development, AI and secure computing.

Member, IEEE Delhi Section (NIMS University) | Nov 2024 – Nov 2025 | Jaipur, India

- Contributed to technical events and collaborated with cross-functional teams before promotion to Organizing Team Head.

EDUCATION

Bachelor of Computer Applications (BCA), Artificial Intelligence | NIMS University, Jaipur, Rajasthan | Aug 2024 – Aug 2027 (Expected)
12th (Commerce), Raj International School, Rewari, Haryana | 2024 | 10th, Euro International School, Rewari, Haryana | 2022

CERTIFICATIONS

- Introduction to Front-End Development, Meta (Coursera) | Mar 2026
- Generative AI Mastermind Program, Outskill | Jan 2026 | Generative AI, NASSCOM | Mar 2026
- GitHub Tutorial for Beginners, Great Learning | Jan 2026 | Foundations of Cybersecurity, Google (Coursera) | 2025