Arindam Sharma

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GitHub | LinkedIn

PROFESSIONAL SUMMARY

Computer Science Engineering graduate (Cyber Security Specialization) combining strong Full Stack Development (MERN) skills with practical expertise in DevOps and Security Operations . Experience in optimizing web performance and ensuring accessibility compliance. Passionate about bridging the gap between development and operations by building secure, containerized, and scalable applications.

TECHNICAL SKILLS

- **MERN Full Stack:** React.js, Node.js, Express.js, MongoDB, Redux Toolkit, Tailwind CSS, JWT Auth.
- **DevOps & Cloud:** Docker, Docker Compose, GitHub Actions (CI/CD), Vercel, Nginx, Linux (Bash Scripting).
- **Networking:** TCP/IP, OSI Model, Subnetting/VLSM, VLANs, DNS, DHCP, HTTP/S, Routing Protocols.
- **Cybersecurity:** SIEM (Wazuh/ELK), Wireshark Traffic Analysis, IDS/IPS, OWASP Top 10, Log Analysis.
- **Tools:** Git/GitHub, Postman, Figma, Burp Suite (Basic), Cisco Packet Tracer.

EXPERIENCE

Frontend Developer Intern   Jun 2025 – Jul 2025
ApexPlanet Technologies | Remote / On-site.

- Engineered high-performance UI modules; implemented lazy loading logic to reduce initial bundle size by **30%**.
- Integrated secure RESTful APIs for real-time data fetching, optimizing the critical rendering path.
- Refactored legacy codebases to improve maintainability and scalability for client dashboards.

Web Developer (Core Team)   2022 – 2024
Technical Club, JUIT | Solan, India.

- Led the development of the official club portal; achieved **WCAG 2.1 compliance** to ensure maximum accessibility.
- Optimized asset delivery pipelines, significantly improving Google Lighthouse performance scores.
- Collaborated with cross-functional teams to ship new feature modules and UI upgrades.

PROJECTS

FolioGauge – AI-Powered Portfolio Analyzer (SaaS) | *React, FastAPI, Supabase, PostgreSQL*

- Built a full-stack SaaS platform that analyzes developer portfolios and provides UX, content, and performance feedback using rule-based scoring logic.
- Designed a secure authentication system with Supabase Auth (Email + Google OAuth), Role-based tiers, and scan limits for Free and Paid users.
- Implemented a FastAPI backend to crawl and analyze live websites, detect modern tech stacks, accessibility issues, and deprecated HTML usage.
- Enforced scan-rate limits and usage tracking via PostgreSQL with Row Level Security (RLS).
- Deployed frontend on Vercel and backend with environment-based configuration for production security.
- Live Demo

SecureShop: MERN E-Commerce with RBAC | *React, Node, MongoDB, Docker*

- Developed a full-stack platform featuring Role-Based Access Control (RBAC) to separate Admin and User privileges.
- Dockerized the backend API and frontend separately, utilizing Docker Compose for orchestration.
- Implemented secure payment flows and JWT-based session management to prevent unauthorized access.

SOC Automation Threat Detection Lab | *ELK Stack, Wazuh, Python*

- Deployed a Wazuh manager to ingest system logs and configured custom rules to detect brute-force attempts.
- Visualized attack vectors using Kibana dashboards, monitoring failed login spikes and privilege escalation events.
- Wrote a Python script to parse logs and automate alert notifications for critical severity events.

Automated CI/CD Deployment Pipeline | *GitHub Actions, React, Vercel*

- Architected a CI pipeline to lint code, run unit tests, and build artifacts automatically on every git commit.
- Configured CD workflows to deploy approved builds to Vercel, enabling rapid iteration cycles.
- Integrated branch protection rules to ensure only valid code passes to production.

Enterprise Network Topology Simulation | *Cisco Packet Tracer*

- Designed a campus-level network architecture using VLANs to segregate Management, Guest, and Staff traffic.
- Configured Inter-VLAN routing, Port Security, and ACLs (Access Control Lists) to harden network access.
- Simulated DHCP attacks and implemented snooping mitigations to secure the local infrastructure.

Personal MERN Stack Portfolio Website | *React, Node.js, Express, MongoDB*

- Designed and developed a responsive portfolio website to showcase projects, experience, and technical skills.
- Implemented modern UI interactions, smooth scrolling navigation, and performance-optimized component architecture.
- Focused on clean UX, accessibility, and SEO-friendly structure to improve recruiter visibility.
- Deployed on Vercel with optimized build configuration.
- Live Website

Quantum QR: Custom QR Code Generator | *React, JavaScript, Canvas API*

- Built a client-side QR generator supporting text, WiFi, and contact data formats.
- Implemented real-time customization for colors and styles with instant preview.
- Enabled high-quality QR export and download without backend dependencies.

EDUCATION & CERTIFICATIONS

B.Tech in Computer Science (Cyber Security Specialization)　　　　　　2022 – 2026 (Expected)
Jaypee University of Information Technology, Solan

Certifications: Docker Essentials, Network Defense Basics, React (Advanced Concepts).