YASH WANI

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EDUCATION

Ohio State University - Columbus **August 2021 - May 2025**
Bachelor's, Computer Science
ServiceNow Certified System Administrator (CSA) **August 2026**

PROFESSIONAL EXPERIENCE

AIMECH USA, LLC | LG Energy Solutions **Holland, MI, USA**
Client Solutions Engineer – Team Lead March 2026 - Present

- Promoted to Team Lead within 5 months for rapidly mastering vision-system diagnostics and inspection workflows; serve as primary point of contact for client feedback and direct team's troubleshooting priorities.

Client Solutions Engineer Oct 2025 - March 2026

- Conduct performance audits and consistency check to identify inspection gaps, directly reducing defect rates and ensuring strict adherence to battery quality standards.
- Fine-tune complex system parameters to enhance image acquisition and detection accuracy, significantly improving process stability and inspection reliability.
- Partnered with customers to customize vision operations and deliver technical solutions aligned to site production goals.

Tenon Software, Inc. **Remote**
Associate ServiceNow Developer June 2025 – November 2025
ServiceNow Developer Intern May 2024 - May 2025

- Architected 15+ modular UI components and standardized design tokens across five enterprise portals, reducing development time by 50% and ensuring 100% style consistency.
- Engineered dynamic frontend solutions using AngularJS and Now Experience components, including real-time data polling widgets, interactive forms with client-side validation, and responsive layouts that decreased user error rates by 60%.
- Engineered and validated REST & Scripted REST API integrations between ServiceNow and external systems, enabling real-time data sync and boosting operational efficiency by 35%.

PROJECTS & OUTSIDE EXPERIENCE

BarHop – Bar Crawl Route Planner | gobarhop.app *(React, TypeScript, Firebase, GCP, Mapbox, Vercel*)

- Built and run a full-stack crawl app with live GPS where groups share one link and move together in real time.
- Landed a pilot with a Denver pub crawl company; built organizer mode from their feedback: branded pages where each group starts its own live crawl, no account needed.
- Load-tested live sessions, root-caused a stall at 50 users (p95 writes 50s, 6 of 749 updates delivered) and restructured data: p95 0.14s, 749/749 delivered, 0 errors.
- Resolved a real billing incident: keys moved behind an auth-gated proxy with rate limits and a global guest cap.
- Featured in KrispiTech (June 2026) for solving bar-crawl planning for the whole crew.

Bridgeview – Agency Client SaaS | disstock-d009a.web.app *(React, Firebase, GCP, TypeScript)*

- Architected a B2B SaaS platform serving as a "headless" presentation layer for Asana, reducing agency client reporting time by ~80%.
- Implemented **OAuth 2.0 authentication** flows and strict tenant isolation via Firebase Security Rules to securely sync third-party data.
- Engineered a "Dashboard Wizard" using **React Context and Zod** for multi-step configuration and real-time validation.

Zero-Connectivity Knowledge System (*Python, ETL, Regex, HTML/JS*)

- Built an air-gapped knowledge tool, engineering a Python ETL pipeline that parsed 1,100+ siloed logs and PDF manuals into a queryable JSON database rendered via a client-side HTML/JS app.
- Digitized tribal knowledge and significantly reduced Mean-Time-To-Repair (MTTR) without requiring internet connectivity.

Mobile App Developer, Resilience, Inc. (Remote, May 2023 – Aug 2023)

- Led full-cycle React Native development for a cross-platform app (10K+ downloads), resolving 90% of UI bugs and boosting retention by 15%.

SKILLS

- **SaaS & Platforms**: ServiceNow (UI Builder, Service Portal, Now Experience, Scripted REST APIs), Firebase, GCP, OAuth 2.0, Multi-Tenant Architecture; **Languages & Frameworks:** JavaScript, TypeScript, Python, React.js, React Native, HTML5/CSS3, SQL, Zod; **Systems & Tools:** Git, RESTful API Design, Root Cause Analysis, Technical Account Management, SaaS Architecture, Agile