NICOLE WERT
SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience building performant, secure, and accessible web applications. Skilled in developing modular frontends, backend APIs, and internal tooling using modern technologies. Passionate about emerging technologies like AI, and motivated to build systems that improve real-world workflows and user experiences. A collaborative, growth-oriented engineer who enjoys solving tough problems, working cross-functionally, and continuously learning.

SKILLS

- Languages: TypeScript, JavaScript, Python, PHP
- Frontend: React, Next.js, reusable components, accessibility (WCAG), responsive design
- Backend: API design & integration (REST), authentication systems (OAuth 2.0, OpenID Connect), server-side caching, database integration, test coverage (unit & integration)
- DevOps & Infra: Automated CI/CD pipelines (GitHub Actions), containerization (Docker), cloud deployment, environment management
- AI: GenAI prototyping, real-time feedback UIs, prompt engineering, OpenAI & Gemini APIs

PROFESSIONAL EXPERIENCE

Malwarebytes

Software Engineer | April 2022 - Present | Santa Clara, Ca

- Developed a reusable, site-wide pricing component & custom markup that replaced legacy code and empowered non-technical teams to configure global pricing, cart links, and popup experiences—boosting A/B testing speed and flexibility.
- Integrated secure Single Sign-On (SSO) using OpenID Connect and OAuth 2.0 to connect the website to internal subscription systems enabling personalized user flows & web experiences.
- Prototyped GenAI-powered features, including an interactive website chatbot and a Chrome extension that parsed and flagged scam job postings.
- Built custom CMS blocks and editing tools in Crownpeak and WordPress to let stakeholders independently manage web content—reducing engineering overhead and increasing content velocity.
- Created shared frontend utilities and helper functions to support fellow developers, streamlining dev workflows and standardizing implementation.
- Debugged complex integration issues across frontend, backend, and containerized environments, ensuring reliable deployments.

EDUCATION

Yonsei University

- B.S. in Energy & Environmental Science and Engineering
- B.S. in Creative Technology Management
- Graduated August 2021