

Nicholas Skinsacos

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 Troy, MI

 <https://github.com/nskins>

EDUCATION

University of Michigan, Ann Arbor

Computer Science B.S. With High Distinction

Sep. 2013 - Apr. 2017

- Phi Beta Kappa Society
- Coursework: Algorithms, Cryptography, Networking, Operating Systems, Security, etc.

WORK EXPERIENCE

Vehlo

Staff Software Engineer

Aug. 2024 - Present

- Provided technical leadership and development assistance to five engineers on an innovative new product targeting a significant share of the automotive dealership market and publicly demonstrated at NADA 2025 (the largest conference in the industry).
- Replaced a legacy authentication system with a flexible Auth0 solution to provide secure access to our software products for thousands of service lane personnel across the country.
- Collaborated with the Director of Development on technical direction and strategy to enable developers to effectively produce high-quality products for our customers.

Senior Software Engineer

Jul. 2021 - Jul. 2024

- Integrated multiple third-party platforms with complex requirements into a large full-stack web application to expand product reach to an additional 40% of the market.
- Supervised up to three engineers at a time to deliver consistently on key project milestones and to facilitate career growth for each member of the team.
- Incorporated automated testing, continuous delivery, and documentation into new and existing projects to fulfill the goals of reliability and maintainability.

Service Lane eAdvisor

Software Development Engineer

May 2017 - Jun. 2021

Open Source Contributions

Developer, Contributor

Oct. 2015 - Present

- Implemented cutting-edge cryptography research into our team's Haskell library in order to move forward on practical applications of post-quantum cryptography (<https://github.com/cpeikert/Lol/pull/19>).
- Developed and managed pull requests for a Ruby role-playing game framework in order to facilitate the streamlined creation of these games for the general public (<https://github.com/nskins/goby>).
- Resolved issues for and made contributions to a variety of other open-source projects.

SKILLS

- Programming languages: C#, TypeScript, Haskell, Elixir, Ruby, Rust, Python, Java, C/C++
- Other: Auth0, AWS, CI/CD, HTML/CSS, Linux, MongoDB, .NET, Next.js, NodeJS, React, SQL
- Spoken languages: English (native), Japanese (JLPT N4)