

# Nicolas Ott

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## SKILLS

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**Frontend** TypeScript, React (Next.js, Vite), React Native (Expo), Angular, Bootstrap, SwiftUI

**Backend** Python (FastAPI), Node.js (NestJS), .NET, AWS (Amazon Web Services), PostgreSQL, MySQL, Docker

## PROFESSIONAL EXPERIENCE

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### Open Party Software, San Diego, CA

May 2024 - Present

*Software Developer*

- Responsible for separating Angular applications into smaller applications (Admin, Customer, Integration).
- Developed a task scheduler service (NestJS) to manage customer participation and payment.
- Wrote documentation submitted to patent laying out the methodology of an important feature in the application.

### Dev Youngstown, Youngstown, OH

May 2023 - Present

*Software Developer*

- Responsible for developing MVPs (Minimum Viable Products) in an agile, remote work environment:
  - Developed a cross-platform mobile application (React Native, Expo, Mapbox) used by student athletes to track their training regimen. Designed a REST API (FastAPI, PostgreSQL) along with an algorithm to generate running routes for users.
  - Developed a web application (Vite, Mapbox, Material UI) used by organizations to display and annotate satellite drone images on a map. Designed a REST API (FastAPI, PostgreSQL) to handle organization permissions, and processing and uploading drone images to a tile server (Mapbox).
- Actively collaborated in project planning, onboarding, issue management, and code review.
- Deployed MVPs to Northflank, establishing a CI/CD release flow using GitHub Actions and Northflank's pipeline webhook triggers.

### Youngstown State University

January 2023 - Present

*Student Software Developer*

- Contributed to a small team that completed 907 tickets within 8 months.
- Performed content changes to ysu.edu using technologies such as HTML5, CSS3, and JavaScript.
- Communicated directly with ticket issuers to fulfill their content change requests.

### Geek Squad, Niles, OH

May 2022 - December 2022

*Advanced Repair Agent*

- Certified by Apple to diagnose and repair devices and stay up to date with the latest technology.
- Responsible for troubleshooting issues and repairing client devices on the OS And hardware level.

## PROJECTS & EXTRACURRICULAR

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### FluentSign (<https://github.com/nickgwinsen/hackysu>)

- 1<sup>st</sup> place project at the Youngstown State University 36-hour hackathon.
- Utilized React, FastAPI, and mediapipe to create a web app to help you learn ASL (American Sign Language).
- Mentored multiple 4 team members in technologies they were unfamiliar with and collaborated using GitHub.

### React Hook Form Kit (<https://github.com/dev-youngstown/rhf-kit>)

- An open source React library that implements popular UI libraries with React Hook Form with ~300 monthly downloads.
- Provides seamless form control to React apps.
- Documentation created using Storybook.

### Fantasy Football Insights (<https://github.com/orgs/Fantasy-Football-Insights/repositories>)

- A React Native (Expo) app that provides fantasy football draft suggestions based on data from ESPN's fantasy football player rankings.
- Supported by a NestJS backend that stores player data used to generate rosters based on a number of parameters.

### YSU Computer Club, Treasurer

Fall 2023 - Present

- Managed coordination and programming for HackYSU 2024 - Youngstown State University's 36-hour hackathon.
- Collaborated with team to raise over \$15000 in funding from university affiliated organizations and local technology companies.

## EDUCATION

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### Youngstown State University

Graduated Dec 2024

B.S. in Applied Science, Computer Science  
Honors College Member