Nicolas Ott

nicobox2002@gmail.com • nicolasjott.com

SKILLS

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

Open Party Software, San Diego, CA
Software Developer   May 2024 - Present
- 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
Software Developer   May 2023 - Present
- 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
Student Software Developer   January 2023 – December 2024
- 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
Advanced Repair Agent   May 2022 – December 2022
- 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

FluentSign (https://github.com/nickgwinsen/hackysu)
- 1st 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 ESPNs 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

Youngstown State University
                                                                                      Graduated Dec 2024

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