Nate Tan

https://natetan.com

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EDUCATION

UNIVERSITY OF WASHINGTON
B.S. Informatics
GPA: 3.7 – Dean's List Recipient
June 2019 | Seattle, WA

LINKS

https://natetan.com/
https://github.com/natetan
https://www.linkedin.com/in/nateytan

PROGRAMMING

LANGUAGES
TypeScript, JavaScript, Java, C#, Python, R

TECHNOLOGIES
React, Next.js, Node.js, Express, .NET Core, GitHub, Azure, Sumo Logic

EXPERIENCE

ALASKA AIRLINES | Software Engineer
March 2020 - Present | Seattle, WA

- Increased user retention by migrating Alaska's booking site, alaskaair.com, from ASP to React / Next.js with a .NET Core backend
- Improved engineering productivity through the development of microservices with .NET Core
- Created CI/CD pipelines through GitHub Actions for optimal deployments
- Managed and created dashboards with logs from Sumo Logic for active monitoring and site reliability, making on-call responsibilities easier
- Collaborated on an agile scrum delivery team, working closely with engineers, product managers, UX designers
- Onboarded and mentored new hires

ALASKA AIRLINES | SDE Intern / Part-time
June 2017 - March 2020 | Seattle, WA

- Developed and maintained web apps in React and utilized TDD for testing.
- Developed and maintained REST APIs in .NET Core for travel related requests, such as booking and canceling flights
- Utilized Node.js and SQL Server to provide a platform for employees to easily schedule and manage tech support appointments
- Created a front-end web app in React for the employee travel back-office administrators to oversee and manage employee travel accounts

Projects

WARRIOR - DISCORD BOT
January 2020 - June 2021

- Wrote a robust Discord bot in Node.js to help manage a game server with utility and meme functions
- Utilizes the Discord.js API to have chat interactions and chat functionalities
- Greeted new users as they joined and bid farewell as they left

MUSE
School Web Project | 2018

- Built a website that searches for music, movies, and books, and related news
- Utilized the React library for the front end with iTunes and imdb APIs for the backend
- Leverages Google Firebase for user authentication and for storage

BLOOD PACT - CAPSTONE
January 2019 - June 2019

- Built a website (React) for blood donors to be able to see/share their stats and engage with their community
- Created a texting service using Node.js and Twilio to help people find information about blood donation services
- Implemented RESTful API in Node and Express with Firebase for storage

MAPPING SHOOTINGS
March 2018

- Utilized Leaflet.js to create multiple interactive maps to display shootings in America in 2018
- Utilized the Python tweepy package and the Twitter API to get the geolocations of tweets about the NRA in reference to shootings
- Wrote Python scripts to convert regular JSON files into GeoJSON files that are utilized by Leaflet and Mapbox