

Moh. Anwer

New Brunswick, NJ • Moh.Anwer1988@gmail.com • 203-231-8135 • github.com/mohanwer • [linkedin](https://www.linkedin.com/in/mohananwer)

Languages: Javascript / Typescript, Python, C#
Technologies: AWS, Terraform, Docker, GraphQL

Frameworks: FastAPI, React, React Native

PROFESSIONAL EXPERIENCE

Lead Backend Software Engineer, Alt
Senior Backend Software Engineer

Jan 2022 – Current
Dec 2020 – Jan 2022

Alt provides a marketplace to buy and sell investment-grade sports cards. Duties are split between reviewing pull requests/technical specifications and acting as the core contributor for Alt's auction product.

- Developed extended auction bidding (extending an auction's runtime to promote competition and inhibit [auction sniping](#)) thereby enabling a 10% increase in winning bids across the service.
- Implemented comprehensive search functionality to the marketplace (e.g., backend indexing process, frontend components to support searching and filtering).
- Implemented credit card payments options for auction winners, which resulted in a 5-fold increase in customers paying same-day for won auctions thus promoting business objectives.
- Created cache layer to store frequently requested auction data in redis and enabled the application to scale 5x (200 to 1000 requests per second).
- Redirected all read-only traffic to read replica databases, which reduced the max latency of API from >1s to ~200ms.
- Added an administration system to enable product owners to configure and run the auction product independently, precluding the need for engineering involvement within the auction process.
- Developed a staging administration system to allow developers to generate dummy users, items, and auctions to undergo testing.
- Added job queueing and task scheduling to run tasks and workloads of monolith application (developed all aspects of system – terraform, ci/cd, instrumentation, code development).
- Implemented open tracing, api monitoring, and alerting across numerous services.

Full Stack Developer, USA Football, Indianapolis, IN

April 2019 – Dec 2022

USA Football is a non-profit sports company that makes football safer for young athletes via online and in-person training for coaches across the country.

- Developed APIs to allow purchasing of products from company's learning management system, resulting in the successful processing of >\$100,000 of transactions per quarter.
- Developed ETL to load and sync all search data into elastic cache.
- Implemented ci/cd pipelines for applications using docker and Jenkins.
- Added heartbeat monitoring for all API's.

Software Engineer (Contract), Navient, Indianapolis, IN

June 2018 – April 2019

Navient is the largest student loan servicing company in the United States. Role was to develop a .NET application called NEAR (Navient Enterprise Application Repository), a repository of all running servers with hardware specifications, running applications, and vulnerabilities.

- Migrated legacy application (NEAR) using Developed API and UI to query and filter large data sets from data warehouses. Stored all application configuration in database: page headings, form fields, data grid details.
- Developed UI react to render pages dynamically from configuration served from API.
- Setup CI/CD for automatic deployments post review.

EDUCATION

Post-Baccalaureate Certificate in Computer Science, Drexel University

2018

Bachelors in Biochemistry & Molecular Biology, Illinois State University

2010