

Moh. Anwer

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Indianapolis, IN

SKILLS Languages: C#, Javascript, SQL | Working knowledge in Python
Technologies: .NET Core, React, AWS Cloud, Docker, Git, SQL Server, Oracle

PERSONAL SITE: www.mohanwer.com

EXPERIENCE

.NET Developer, USA Football **April 2019 – Current**

Non-profit sports company that is focused on making the game of football safer for youth through online and in person training for coaches across the country.

- Review and approve pull requests from four developers.
- Developed backend services to allow purchasing of products from company's learning management system. Several hundred thousand dollars of transactions occur per quarter.
- Developed feature in our administration system to merge user accounts in cases where users register with multiple email addresses. Developed all aspects of this feature which involved development in API (.NET Core), database (SQL Server), and front end (React).
- Redesigned ETL process to load data to elastic cache service. Original ETL process was not scaling to growing user base. Developed services to serialize and push data to elastic cache. Deployed service as AWS Lambda functions. Gained 20x reduction in ETL run time and eliminated failures.

Software Engineer (Contractor), Navient **June 2017 – April 2018**

Navient is the largest student loan servicing company in the US. Role was to extend a .NET application called NEAR (Navient Enterprise Application Repository). Near was a repository of all running servers at Navient with detailed information (hardware specifications, running applications, vulnerabilities).

- Team was originally developing NEAR as an ASP.NET Web forms applications. Created migration path and proof of concept (POC) in React with .NET Core API.
- Developed features to dynamically render page content via React based on configuration stored database tables. Pages would render titles, descriptions, input boxes, data grids. Eliminated the need for 86 out of 102 custom pages and reduced turn over time for basic change requests.
- Created POC applications using React and .NET Core for department on as-needed basis.

Senior Data Engineer, Johnson & Johnson **May 2016 – June 2017**

Data Engineer **April 2014 – May 2016**

Member of the medical device quality division. Worked alongside biomedical engineers and clinical staff to analyze data collected from patients to measure safety and quality of medical products.

- Architected an Oracle data warehouse (called Bayou) to centralize data for analysis.
- Created pipelines in python to stream data from various backend sources into Bayou on scheduled basis. Inter-day updates to Bayou led new operational metrics. These metrics allowed department to become agile in daily planning and increased clinical team's medical record reviews by 50%.
- Created materialized views to aggregate and normalize data from over 100 tables. Views allowed simpler and performant access for data scientist and business analyst.
- Created training guides for data scientist to connect and query data warehouse via python or R.

EDUCATION & CERTIFICATES

AWS Cloud Developer Associate	2019
AWS Cloud Practitioner	2019
Post-Baccalaureate Certificate in Computer Science, Drexel University	2018
Bachelors in Biochemistry & Molecular Biology, Illinois State University	2010