Moh. Anwer

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SKILLS **Languages:** Javascript / Typescript (React), C# (.NET Core), Experience with Python, Nodejs
Technologies: AWS Cloud, Docker, ELK Stack, Git

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.

- Performing peer reviews on pull requests from 4 other 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: API, stored procedures, and UI (React) components.
- Refactored ETL process to load data to elastic cache service. Refactored code base for this service and deployed it to AWS Lambda. Gained 20x performance in loading data.

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

Navient is the largest student loan servicing company in the US. Primary role was to extend a .NET application called NEAR. This application was a repository for all running servers at Navient with detailed information about those servers from hardware specs to running applications.

- Team was originally developing NEAR as a ASP.NET Web forms applications that had over 100 pages. Created migration path and proof of concept (POC) of application in React with a .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 custom pages and reduce turn over time for basic change requests.
- Created POC applications using React and .Net Core for department on a request basis.

Senior Data Engineer, Johnson & Johnson   **May 2016 – June 2017**
Data Engineer   **April 2014 – May 2016**

Member of the medical device quality division. My role was to work alongside biomedical engineers and clinical staff was to analyze data collected from patients and medical professionals.

- 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. High availability data allowed greater visibility to operational metrics in department and improved certain departments performance by 50%.
- Created materialized views to aggregate data structure / normalize data from over 100 tables. Views allowed simpler and performant access for data analysis to 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