

# Moh. Anwer

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## SKILLS

**Languages:** Javascript, Typescript, Python, C#

**Technologies:** AWS, React, Docker, Node.js, .NET Core, GraphQL, Postgres

**PERSONAL SITE:** [www.mohanwer.com](http://www.mohanwer.com)

## PROFESSIONAL EXPERIENCE

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### Full Stack Developer, USA Football, Indianapolis, IN

April 2019 – Current

*Non-profit sports company that is focused on making football safer for young athletes via online and in-person training for coaches across the country.*

- Developed API to allow purchasing of products from company's learning management system, resulting in the successful processing of >\$100,000 of transactions per quarter.
- Created messaging service to transmit and log all emails/text notifications to customers.
- Redesigned ETL process to load data to elastic cache service by using AWS Lambda functions, resulting in a 10-fold reduction in ETL run time and the elimination of scaling issues.
- Developed deployment pipelines via Jenkins for building and deploying dockerized .Net Core and Node.js applications.
- Created infrastructure to support web applications (ECS / ECR / Load balancers / Route53 / CloudFront). Infrastructure managed and deployed via AWS CDK.
- Created screens in React for viewing and modifying invoices in administration system.
- Implemented supporting redux actions/reducers/selectors for registration process of football leagues.

### Software Engineer (Contractor), Navient, Indianapolis, IN

June 2018 – April 2019

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

- Migrated NEAR – an ASP.NET Webforms project – into a .NET Core API and React application.
- Created tables to store application content – page headings, form fields, data grid details – and designed the React UI to render pages dynamically from tables, eliminating 84% of custom pages.
- Implemented XUnit integration testing, successfully validating releases.
- Designed build pipelines to deploy application using Team Foundation.

### Senior Data Engineer, Johnson & Johnson, West Chester, PA Data Engineer

May 2016 – June 2018

April 2014 – May 2016

*Member of the DePuy Synthes medical device division. Worked on cross-functional teams alongside biomedical engineers and clinical staff to analyze data collected from patients to ensure the quality and safety of various medical products.*

- Conceptualized and architected an Oracle data warehouse to centralize data for analysis.
- Deploying data warehouse to production led to cost savings of \$2 million annually relative to previous methods of procuring medical data.
- Developed web dashboards – using D3.js – to display operational metrics, leading to a 50% increase in medical record reviews each week.
- Created training guides for data scientists to connect and query the data warehouse via Python or R.

## EDUCATION & CERTIFICATIONS

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