

Nicholas Olds

Full-Stack Software Engineer

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Programming Languages: • C# • Java • SQL • Typescript • Javascript • Python

Relevant Technologies/Skills: • Angular • React • Java Spring • ASP.NET (MVC, WebApi) • RESTful/SOAP APIs • PostgreSQL • MongoDB • SSIS • SSRS • Microsoft Azure • AWS • CI/CD • Devops • Docker • Kubernetes • Postman • LLM Applications

Avanade | Full-Stack Engineer

Dec. 2021 – Mar. 2024

Financial Services Company - Indexing Team

Spearheaded the development of an SSIS-driven data collection application and the backend/frontend features to support it for the client's indexing team, enhancing their capability to analyze ETFs.

- Designed, implemented and deployed on-prem MSSQL Server database for trading live exchange-data
- Developed ETL pipelines using SSIS integrating new fund data for real time analysis and reporting
- Used Angular to develop internal management tools for enhanced ETF data visualization
- Extended microservices using .NET MVC/WebApi, EF Core to facilitate efficient CRUD operations.
- Authored and automated SSRS reports for use by senior fund and portfolio management.
- Created stored procedures and optimized SQL queries that improved data retrieval performance by 65%

Prospective Clients - Micro-Application Team

Dec 2021 - Feb 2022

Designed and developed a cloud-native, full-stack web application, showcasing a custom meal-planning solution to meet internal stakeholder requirements.

- Used Java + Spring boot, enabling dynamic CRUD operations for the application's backend.
- Designed and deployed a relational database on Azure SQL Server using Docker
- Built an SPA using React, enhancing user engagement and interaction with the meal-planning tool.

Avanade | Project Manager

Mar 2020 - Dec. 2021

Spearheaded migration from legacy sub-systems to microservice architecture for a 200,000+ healthcare firm

- Oversaw planning to deployment for 3 internal and external engineering teams (10 member teams)
- Restructured and organized team operations according to Agile processes
- Developed comprehensive project plans that balanced stakeholder expectations with practical budget and timeline constraints, achieving optimal project outcomes.

Avanade | Business Analyst

July 2019 - Mar. 2020

Worked closely with stakeholders to analyze data, optimize processes, and bridge the gap between business needs and technical solutions as part of a system migration. Experience with Microsoft Dynamics 365.

University Of Washington - Seattle, WA

School of Informatics - Bachelors of Science in Informatics

(Awarded Academic Excellence: 3.9 GPA)