Joseph Toeniskoetter

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Work Experience

Senior Software Engineer

UNIGROUP INC. - St. Louis, MO
September 2021 to Present

- Develops full stack realtime web applications with React, Java, Spring Boot, and Postgres.
- Builds and maintains large distributed system of over 30 microservices.
- Works cross-functionally with product owners, UX, and management teams to design and plan new features/projects.
- Planned and executed conversion of three products from Javascript to Typescript.
- Plans and participates in weekly production support rotations overseeing three distinct products.
- Leads teams of developers/integrators and assists in the development of programmers/analysts through coaching and training.

Senior Application Software Engineer

CENTENE CORPORATION - St. Louis, MO
May 2021 to September 2021
Application Software Engineer | March 2020 to May 2021

- Developed ETL pipelines using SQL Server Integration Services, Python, and SQL stored procedures to ingest data from multiple source systems including data warehouse, flat files, and APIs.
- Created proof of concept GraphQL and REST API services using NodeJS to allow data to be accessed by cross functional teams in various departments.
- Utilized Python scripting to automate JIRA reporting and database backups.
- Developed PowerShell scripts to automate SSIS package deployment process.
- Developed REST API to automate user access audit process. Process was projected to save 150 billable hours of work per year.
- Developed PowerBI dashboards to allow upper level management to view application usage/adoption.

Business Systems Analyst

CENTENE CORPORATION - St. Louis, MO
March 2019 to March 2020

- Served as scrum master for group of 8 developers.
- Acted as liaison between business and IT. Gathered requirements, translated complex business logic into units of work for software developers.
- Worked with stakeholders to develop quarterly team objectives and deliverables.

Market Reporter / Reporting Specialist

U.S. DEPARTMENT OF AGRICULTURE - St. Louis, MO
January 2017 to March 2019

- Market Analysis and Reporting Systems (MARS) development.
  - Created and documented business logic for various reporting procedures, designed framework for data collection and validation, regression testing, and trained staff to utilize new features.
- Saved agency 10 hours of work each week through report automation using Visual Basic programming.
- Developed and maintained programs to automate data collection through web scraping, parsing text, JSON, and XML files to generate reports in numerous formats including, CSV, PDF, PRN, and text.

Education

Bachelor of Science in Agricultural Business

Truman State University - Kirksville, MO

August 2012 to May 2016

Technologies

Javascript, Typescript, NodeJS, ReactJS, React Native, SQL, SQL Server, PostgreSQL, MongoDB, Teradata, MySQL, Python, SSIS, REST APIs, Agile, Git, Jira, Google Cloud Platform, AWS, Spring Boot, Java, Hasura, GraphQL.

Personal Projects

- **Ag Market News**

  Description: Mobile application for viewing, saving, and sharing USDA reports.

  Technologies: React Native, Google Cloud Functions, MongoDB, Typescript, ExpressJS, Google Cloud Messaging

- **KegerWeighter**

  Description: IOT application for viewing and tracking beer levels in a draft beer system.

  Technologies: React Native, Typescript, ExpressJS, Google Cloud Messaging, PostgreSQL, SocketIO

Certifications

- AWS Certified Cloud Practitioner