Tom Plucinski
Software Engineer

Contact Information
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Work Experience

Software Engineer   April 2021 – Present
Cooler Screens | Chicago, IL
- ➢ Architecting fault tolerant messaging systems utilizing Azure IoT Edge resulting in data accuracy, resiliency, and directly impacting company bottom line.
- ➢ Implementing event based solutions utilizing Azure IoT Hub resulting in 30% overall decline in network requests significantly driving down cloud costs.
- ➢ Leading feature development for a proprietary React application that is exposed to over 77 million monthly in-store views deployed to over 10,000 devices in 600 stores.
- ➢ Engineering next generation node.js API's to support migration from Cosmos DB to SQL Server resulting in high scalability utilizing referential data models.
- ➢ Re designing API schemas utilizing RESTful patterns to improve consumability and query efficiency.
- ➢ Performing front-end optimizations by refactoring Redux state and React components resulting in a 20% customer experience score increase.
- ➢ Stabilizing cloud and IoT applications by developing integration tests and initializing cloud metrics using Azure Application Insights.
- ➢ Improving the CI/CD process by standardizing pipelines to build, test, deploy, and promote artifacts.

Software Developer   June 2019 – April 2021
Health Care Service Corporation | Blue Cross Blue Shield | Chicago, IL
- ➢ Engineered API's for a customer engagement platform that integrates with over 20 applications, supports 13 million group members, and yielded cost savings of approximately $6 million.
- ➢ Developed a suite of web applications used by IT managers to provide financial metrics, reporting, and human resource allocation built with React, Redux, Spring/Java, SQL, CSS.
- ➢ Created and maintained API's utilizing REST, RPC, and microservice design patterns in a service oriented ecosystem.
- ➢ Practiced test driven development to maintain over 90% test coverage for all production applications utilizing Jest, Enzyme, Cypress, JUnit, Mockito, and Cucumber testing frameworks..
- ➢ Experience with project inception, documentation, architecture, development, support, testing, and deployment.
- ➢ Part of a product-focused engineering team practicing scrum and kanban agile methodologies.
- ➢ Collaborated with product teams and business leaders throughout the lifecycle of applications to ensure on time delivery with minimal tech debt.

Education

Fullstack Academy of Code | Software Engineering Immersive | Chicago, IL   April 2019
Illinois State University | Bachelor of Science | Normal, IL   May 2014

Certifications / Awards

Certified MuleSoft Developer   May 2020
Health Care Service Corporation 2019 Team of the year award   January 2020