Joseph Hentges

Minneapolis, Minnesota, United States

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SUMMARY

Dynamic Full Stack Software Engineer with over 6 years of experience developing scalable web applications. Expertise in **Typescript, Next.js, React, Node.js, Redis, SQL** and **Azure**. Proven track record in driving product development, **mentoring engineers** and implementing efficient software development practices in face-paced environments.

SKILLS

Back End Development: Express, Node.js, Python, SQL, Java
Front End Development: Typescript, Javascript, React, Next.js, Redux, Storybook, shadcn/ui, TailwindCSS
Technology: Azure, Azure Functions, Jenkins, Docker, Redis, PostgresDB, CosmosDB
Miscellaneous: Microservices, Distributed Systems, Front-end, Back-end, Full-Stack

WORK EXPERIENCE

OPTUM | Azure, Redis, CosmosDB, Express, Typescript, Next.js, Node.js, Storybook, Java
Software Engineer   Jun 2020 - Present, Minneapolis, MN
Technology Development Program   Jun 2020 - May 2021, Minneapolis, MN
Deliver high-quality, robust production code to support a diverse array of clients and users.Provide leadership within the engineering department through close collaboration, knowledge shares, and mentorship.
- Expanded an **accessibility-first multi-tenant Next.js** application serving over 300 OptumRx clients and 1M+ of their employees to compare healthcare plans across a wide array of services
- Designed a system of multi-purpose enterprise services and microservices with **CosmosDB, Redis, Spring Boot, Express**, and **Azure Functions** to reduce existing legacy service downtime by 65% and operational costs by 75%
- Spearheaded the development of reusable shared components and micro-products with **React, Storybook** and **Azure Functions**, achieving a 50% reduction in development time for new features; and migrated outdated legacy services to the new shared component library platform
- Enriched system metrics by integrating applications with **Dynatrace** and **Adobe Analytics** for advanced telemetry to facilitate app use metrics and error tracking
- Architectured solutions for the migration of on-premises services to **Azure cloud**

WEX | Jenkins, C#, Java
Software Engineer Intern   Feb 2019 - Jun 2020, Minneapolis, MN
Led the design and development of QA automation for mobile apps. Implemented **Jenkins** workflows, **.NET** integration tests, and created Java based internal tools.
- Developed a **Java** tool to automatically generate client specific Android and Apple app store images of the app for each production release

AUGSBURG UNIVERSITY | Python, C, Linux, Raspberry Pi
Undergraduate Researcher   Sep 2019 - May 2020, Minneapolis, MN
Led the architecture and development of an **embedded smart device** capable of tracking and coordinating real-time data over a multi-floor office building.

EDUCATION

Augsburg University   GPA: 3.92/4.00
Bachelor of Science in **Computer Science**
Minor in **Mathematics** and **Communication Studies**
ACM Club Officer, National Science Foundation Scholar, Undergraduate Researcher