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Senior Software Engineer  
Application Execution, Leadership and Strategy

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## Professional Experience

### Twilio

*Senior Software Engineer*

Remote

Oct 2022 - Mar 2024

- Fullstack software engineer working with React, Typescript, GraphQL, NodeJS and Postgres
- Architected pre-send validation project to prevent message errors from occurring at send time for Segment Engage customers, cross-functionally supporting SMS, Email, WhatsApp, and Push channels
- Lead full stack engineer for Product Recommendations to deliver AI generated audiences and traits to Segment customers, leading to approximately \$3M ARR in renewals
- Delivered email editor migration to Engage customers through collaborations with internal teams
- Investigated application problems which led to creating short-term and long-term mitigation strategies
- Efficiently troubleshoot and resolved on-call incidents and customer escalations
- Mentored junior team members through code review and one-on-one sessions

### Northwestern Mutual

*Senior Full Stack Software Engineer*

Milwaukee, WI

July 2021 to Oct 2022

- NodeJS, React, and Javascript development on ExpressJS and Koa server frameworks
- Completed 9 month rotation on Planning experience team, delivering highly requested features to users
- Mentor test engineers and teach them automated Javascript testing using Chai, Mocha, and Jest
- Helped maintain a 99.39% SLA time for Plan Tracker and Client Website applications in 2021
- Architected GraphQL schema stitching infrastructure for creating a streamlined web and mobile experience
- Created database migration child pipeline automation using Gitlab and NodeJS

*Full Stack Software Engineer*

June 2020 to July 2021

- NodeJS, React, and Javascript development on ExpressJS and Koa server frameworks
- Supported Plan Tracker GraphQL service using Apollo Server
- Started 9 month rotation on Planning experience team to increase deliverables
- Created assignments application to help clients assign their live account data to their financial goals
- Optimized application experiences through kubernetes autoscaling and thoughtful request configurations
- Updated and modernized shared analytics library for client website applications

### GE Healthcare

*Senior Software Engineer*

Milwaukee, WI

February 2019 to June 2020

- NodeJS, ReactJS, Javascript, and Typescript experience with ExpressJS servers
- Java and Spring Tool Suite experience with Postgres database
- Lead Developer of workforce optimization single page web application
- Work closely with Product Manager and Owner to create workforce application
- Lead Developer of manufacturing line lightstack project
- Mentor and support engineers with technical questions on a daily basis
- Participate in and lead code reviews on a daily basis

- Hosted multiple learning sessions on new technologies and development patterns
- Created highly-used email service using AWS Lambda, DynamoDB, SNS, and SES

*Software Engineer*

July 2018 to February 2019

- NodeJS, ReactJS, and Polymer development with Express and Postgres backend
- Supported and enhanced Factory360 application
- Supported and enhanced eAndon application
- Promptly responded to application outages and critical bugs
- Hosted learning sessions on new technologies and development patterns
- Worked closely with Product Managers to groom and execute user stories

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Milwaukee, WI

*Software Engineer*

June 2017 to July 2018

- NodeJS development using ES7, EJS, Bootstrap 3, with MongoDB and Postgres backend
- Created new features with unit tests to support a growing user base
- Stayed up to date on new web technologies and discuss potential solutions to new problems
- Participated in regular code reviews of personal and colleague code
- Helped support team identify and resolves bugs

## **Education**

**Milwaukee School of Engineering (MSOE)**

Milwaukee, WI

*Bachelor of Science – Software Engineering*

May 2017

*Minor – Business Management*