

# Salah Osman

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## EMPLOYMENT EXPERIENCE

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### Best Buy Corporate

Software Engineer

Bloomington, MN

March 2020 - Present

- Working on developer tools that empower retail engineering mobile teams to reduce development issues and streamline their development process, so they can create great experiences for their end users.
- Providing Retail Engineering teams a robust set of tools to leverage to allow them to create innovative apps for the business. In the meanwhile reducing their engineering issues and improving developer experience.
- Currently engineering a monorepository which houses reusable mobile components and mobile libraries for existing mobile apps.
- Developed internal enterprise platforms supporting and streamlining release of mobile applications using .NET Core REST API services and React front-end.

### Daugherty Business Solutions

Software Engineer (Consultant @ Best Buy)

Bloomington, MN

January 2020 - March 2021

- Worked as FTE consultant at Daugherty where I designed, developed and tested software applications. As a consulting software engineer, I delivered measurable value for clients through software. I converted to full time engineer with client(Best Buy) March 2021 after I was given a full time offer from client.
- Supported Best Buy engineering initiatives. Developed a React Native based app for Best Buy store employees; integrated Spring boot API services. Integrated a WebRTC-based peer-to-peer video calling feature into app using Jitsi's SDK. Utilized Socket.io to allow store employees to handle real time customer management.
- Developed APIs and owned features front to back for .NET/React based web app that enabled Retail Engineering mobile app teams to manage, release, and distribute mobile apps.

### Apex Systems

Software Engineer Consultant

Bloomington, MN

April 2019 - December 2019

- Supported Optum Tech (UHG) initiative to modernize Optum's financial tools. Worked on revamping and redesigning the Optum Bank platform using modern tools and frameworks on the Optum Financial Services Team.

### Spark Labs

Application Developer

Woodbury, MN

August 2018 - March 2019

- Worked as Software Developer for Spark Labs, a boutique software development firm. Developed mobile meal planning tool and productivity apps using Angular, Ionic framework, and Firebase.

### U of M - Anesthesiology Dept.

Student Developer Intern

Minneapolis, MN

September 2016 - May 2017

- Developed a web portal (data repository). Supported existing Anesthesiology Dept website using Drupal.

## SKILLS SUMMARY

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- **Languages:** C#, Javascript, Typescript, Python, Java
- **Frameworks:** React, React Native, .NET Core, NodeJS, Flask
- **Tools:** Docker, Git, Github Actions, Jenkins, SQL

## PROJECTS

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- **Udify:** Analytics tool for Shopify built in Python, Flask, and Angular. Utilizes microservices architecture.
- **Handwritten Notes to Google Docs :** Web app that transcribes images of handwritten notes on to Google docs.

## EDUCATION

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### University of Minnesota - Twin Cities

Bachelor of Science in Biology and Certification in Software Engineering

Minneapolis, MN

2018

## OTHER ACTIVITIES

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- **Blacks in Tech BiT:** Tech focused community
- **National Society of Black Engineers:** NSBE Member
- **Toastmasters - Best Buy:** Improving public speaking skills