

Khaled Hossain

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EXPERIENCE

3/2022 - present

Application/Software developer, Koch Ag & Energy Solutions, LLC

- I worked on modernizing our older repositories and integrated salesforce using lambda functions, SNS, SQS, secrets manager and other services using NodeJs and typescript.
- I implemented the serverless framework to improve deployment time and added logging for improved visibility. This allowed us to see better how our applications interacted with each other.
- Implemented Datadog monitoring across AWS services for better observability, this made it easier for us to debug and catch errors.
- Followed test-driven development and increased code coverage from 70% to 95%

8/2021 - 3/2022

Associate Software Developer, OnPoint - Koch Engineered Solutions

- Designed and developed user management and organization management applications using VueJs & typescript which improved onboarding time for our assets and companies.
- Created beautiful tables to display information from DynamoDB.
- Worked with an agile team of 10 members and participated in daily stand-up meetings.
- Maintained website and solved Visual & Workflow bugs while using Jest to create tests and improve code coverage.

5/2021 - 8/2021

SOFTWARE DEVELOPER INTERN, Koch Industries

- Used VueJS to create UI components for our application by following Figma design docs.
- Implemented storybook which allowed us to have better documentation and streamlined UI development.
- Implemented Dark/Light mode for one of our components using SASS.

EDUCATION

1/2022 - 5/2024 (present)

Professional Master's in Computer Science, with a focus in Software Systems and Cloud Computing, University of Colorado Boulder

1/2019 - 5/2021

Bachelors of Computer Science, with a minor in Mathematics. Missouri State University, *Cum Laude*

PROJECTS

LEARN IT

A frontend application used to create, read, update, and delete project ideas.

Tech stack

React, Redux, Javascript

Image Gallery

A frontend shopping cart application that gets data from an API and can be added to a shopping cart.

Tech stack

React, Bootstrap, Context, typescript

SkillUp

A rest API that is used to create, read, update & delete skills for personal development with JWT authentication.

Tech stack

MongoDB, Express & typescript

School Management System

A Database application for a school.

Tech stack

Python & PostgreSQL