Khaled Hossain

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Experience

Software Developer, Strike Alerts   - Boulder, CO, 2023 - Present
- Used React native, expo, Graphql and AWS services such as amplify to build an app for a startup.
- Participated in meetings with stakeholders and designers to develop the App
- Collaborated with other developers and helped resolve bugs and implement features

Software Engineer, Koch Ag & Energy Solutions, LLC   - Wichita, KS, 2022 - Present
- Updated older repositories and integrated salesforce using NodeJs and typescript.
- Used serverless framework to improve deployment time and added logging for enhanced visibility improved debugging time by 80%.
- Used AWS EventBridge to create event-driven architectures that allowed different services to react the events
- Created services using AWS API gateway to sync data between AWS & salesforce.
- Followed test driven development added Datadog for better observability that reduced debugging time.

Associate Software Developer, OnPoint - Koch Engineered Solutions   - Wichita, KS, 2021 - 2022
- Designed and developed full stack applications using VueJs, C# & 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.

Education

University of Colorado Boulder, **Professional Masters in Computer Science**   Expected 2024
- Natural Language & processing, Neural Networks and Deep Learning, Computer Vision, Computer Graphics, and Data mining

Missouri State University, **Bachelors of Computer Science**   2021
- Major in Computer science, with a minor in Mathematics
- GPA: 3.7 / 4.0

Projects

Potato Disease Classification, An end-to-end ML application to detect potato diseases
- Used Keras, and CNN coupled with a Softmax activation to implement a potato disease classifier
- Deployed endpoint to Google cloud
- Achieved 95% accuracy on validation dataset.

Password Manager, A CLI application to manage passwords
- Simple CLI to store passwords made using Golang
- Fast, simple, easy to use, and secure app

Technical Skills
- Programming Languages: Typescript | Python|C# | SQL
- Technical: AWS | Git | Azure Devops
- Frameworks: React | Vue | Flask

Extra Curricular Activities
- Computer Science Graduate Student Association: Professional MS student Representative
- Co-founder of Togbog: A news and media company that creates positive and educational videos about Bangladesh