Muthaheer Mohammed
Senior Software Engineer

Passionate about technology and exploring new innovations. Seeking opportunities to utilize and expand my skills in a dynamic and collaborative environment.

✉ muthaheer1207@gmail.com   📱 +91-8197140712

📍 Bengaluru   in in.linkedin.com/in/muthaheer-mohammed-15435a12b

💼 WORK EXPERIENCE

Senior Software Engineer
BZAAR (Online B2B cross-border marketplace)

04/2022 - Present   *Bengaluru, India*

Achievements/Tasks

- Collaborated with cross-functional teams to gather requirements and implemented features for store front and operations management applications, utilizing technologies such as React, NestJS, and AWS.
- Designed and developed an end-to-end payment and repayment system for Bzaar's native credit program, utilizing Stripe for payment processing and implementing secure payment flows resulting in a seamless and efficient payment experience.
- Optimized Bzaar's systems by integrating and enhancing Order Management, Product Management, and Inventory Management systems using ERP Next and multiple microservices, resulting in a significant reduction in latency and improved efficiency.
- Implemented an external retargeting tool (Klaviyo) and utilized data analytics to provide personalized targeting to users, resulting in improved user engagement and conversion rates.
- Redesigned the storefront UI to enhance user experience using React and implemented a proxy server with Express to improve SEO score. This resulted in improved user engagement and better search engine visibility.
- Deployed two brand pages on Shopify and enabled unified login, real-time updates for add to cart events, and synchronized product data across brand websites and Bzaar.com using webhooks and REST APIs.This allowed for seamless shopping across multiple platforms..
- Utilize a technology stack including NestJS, React, Shopify, Stripe and AWS to develop scalable and efficient solutions.

Senior Software Engineer
Sony India Software Centre

08/2018 - 03/2022   *Bengaluru, India*

Achievements/Tasks

- The Network of Intelligent Camera Ecosystem (NICE) aimed to advance computer vision and smart cameras through strategic alliances and data processing. As part of the NICE team, I was responsible developing RESTful API and implemented security components, including JWK, JWE, JWS, JWT and x.509 certificate, using TypeScript, Node.js, Azure, and Kubernetes technologies.
- Model Evaluation Service, a system designed to evaluate the performance of models. As part of the Model Evaluation Service team, I developed a RESTful API and cloud architecture using Python, FastAPI, and Azure technologies. I also created a Kubernetes cluster in Azure and integrated it with Azure AD B2C, Azure Service Bus, and Azure Storage.
- Shopfront Analysis, developed a system to capture people's emotions on products. As a part of Shopfront analysis team, I was responsible for designing a frontend application to showcase live metrics, using React.
- DeepZoo project focused on building a model repository. As part of the DeepZoo team, I developed a frontend application to showcase various machine learning models, using Vue.js and AWS.

🧠 TECHNICAL SKILLS

Python   JavaScript
TypeScript   AWS   Azure
React   Docker
Kubernetes
Git - Version Control System
MySQL   NoSQL   Node.js
FastAPI

📜 CERTIFICATES

AWS Certified Developer - Associate (04/2019 - 04/2022)
Credential ID 1HP0WQN1LJ4419K7

🏆 HONOR AWARDS

Best Team Award (2021 - 2022)
Sony India Software Centre

Best Performer of the Quarter (06/2020)
Sony India Software Centre

1st prize for Web Design Contest in National Level Tech fest TECHNIDARSHAN-16 (2016)
N M A M Institute of Technology

🎓 EDUCATION

Bachelor of Engineering - Computer Science
N M A M Institute of Technology, NITTE

2014 - 2018

WORK EXPERIENCE

Software Engineer (EIRB - Tokyo)
Sony Global Education

01/2020 - 03/2020   *Tokyo, Japan*
Achievements/Tasks

- KOOV is the all-in-one coding, robotics and design kit that combines digital coding with physical building to teach the next generation of innovators.

- Led the migration of the KOOV infrastructure to a Docker-based server, resulting in improved scalability, flexibility, and reliability. This involved analyzing the existing infrastructure, designing a new Docker-based architecture, and coordinating with cross-functional teams to ensure a seamless transition.

- Deployed the Docker-based KOOV infrastructure to AWS Fargate, enabling the spinning up of instances in different regions and improving performance. This involved setting up AWS Fargate clusters, creating task definitions, and implementing a continuous deployment process.

- The technology stack I used for this project included Docker and AWS.

PROJECT

Placements App
- Developed an Android app for NMAMIT to enable students to apply for companies visiting for placements. Integrated REST APIs to communicate with the Placement Department's database, and implemented Firebase Cloud Messaging to send notifications to students.
- Link : https://play.google.com/store/apps/details?id=in.nmamit.placementsnmamit

AIDA (Artificially Intelligent Digital Assistant)
- Developed a smart assistant that uses voice commands and provides features such as object detection, face recognition, and video action recognition.
- Fund : Govt. of Karnataka