MD. FARUK AHAMAD

Github: https://github.com/i-1404063

PERSONAL DETAILS

5/1/k mohonpur, adabor, shyamoli, 1207 Dhaka, Bangladesh
imonhasans33@gmail.com, 01791948088
Website: imon-portfolio.netlify.app
LinkedIn: linkedin.com/in/faruk-ahamad-imon-99982610a

EDUCATION

Bachelor of Science   Mar 2015 - Dec 2019

Computer Science
Chittagong University of Engineering & Technology (CUET), Chittagong

PROFILE

I have always found myself intrigued by software engineering and passionate enough to learn new technologies. I am a team player who loves to find out something new discussing with team and try new things. I want to diversify myself from software development to infrastructure coding.

EMPLOYMENT

Software Engineer   Nov 2023 - Present
Orangetoolz, Uttara, Dhaka

- Spearheaded the development of a cutting-edge digital agency framework as a pivotal member of the team, employing a robust microservices architecture to ensure scalability and adaptability.
- Utilized a technology stack including Java Spring Boot, Node.js, PostgreSQL, Docker, Rabbitmq, Webhook, Nginx, Grafana, Kubernetes, and AWS to build a highly performant and resilient backend infrastructure.
- Demonstrated expertise in frontend development by crafting intuitive user interfaces for each microservice using React.js, while implementing OpenTelemetry for comprehensive trace, metric, and log management.
- Successfully integrated Extract, Transform, Load (ETL) processes to source data from various platforms such as Facebook, Google, Go High Level, and Google BigQuery, leveraging Prefect for ETL workflow orchestration.
- Implemented robust Continuous Integration/Continuous Deployment (CI/CD) pipelines using GitLab CI/CD, ensuring seamless and efficient development lifecycle management.
- Assumed responsibility for the end-to-end development, dockerization, deployment, and maintenance of a wide array of products within the organization, ensuring optimal performance and reliability.

Technologies

- Backend: Java Spring Boot, Node.js, Rabbitmq, Webhook, PostgreSQL, Docker, Nginx, Grafana, Kubernetes, AWS.
- Frontend: React.js, Redux js.

- Data Integration: Prefect, Go High Level, Google BigQuery.

Software Engineer   Sep 2021 - Oct 2023
Mir Info Systems, Mohakhali, Dhaka

- Developed Grameenphone's internal employee learning platform using modern technologies such as Node.js, Express, MongoDB, and React.js with the Ant Design framework.
- Implemented Redux for efficient state management in the frontend, ensuring seamless user experience.
- Utilized REST APIs and Docker to create a scalable and containerized application, enhancing deployment and maintenance processes.
- Integrated AWS Lambda for the efficient conversion of large videos, images, and content, enhancing platform performance.
- Leveraged Content Delivery Network (CDN) for optimal content delivery to end-users, improving accessibility and speed.
- Implemented Nginx for layer seven load balancing between the Node server and CDN, ensuring efficient distribution of traffic and enhanced system reliability.
- Implemented Amazon Simple Email Service (SES) to facilitate seamless email communication for end-users, ensuring efficient and reliable delivery of platform notifications and communications.
- Implemented Continuous Integration/Continuous Deployment (CI/CD) pipelines using GitHub Actions, streamlining the development workflow and ensuring efficient deployment processes.

Technologies

- Backend: Nodejs, Expressjs, Mongodb, Nginx, AWS Lambda, S3, CDN, Simple Email Service.
- Frontend: React.js, Redux js, Antd.

Parallel Projects

- Contributed to Odoo (ERP software in Python) and Grameenphone's main website and webshop, focusing on transitioning the monolithic application to a Next.js-based architecture with server-side rendering.
- Utilized Redux Toolkit for state management and Chakra UI for designing intuitive user interfaces, ensuring a seamless browsing experience for users.
- Applied advanced React principles such as Higher Order Components (HOCs) and React Context to create reusable components and efficiently manage complex site structures.
- Possess knowledge in GraphQL, WebSocket, Golang, and Java, having developed a project with **Java** as the backend and React as the frontend, showcasing versatility and proficiency across multiple technologies.

Software Engineer   Jul 2020 - Sep 2021
bhalogari.com, Mohakhali, Dhaka

- Led the development of a dynamic website dedicated to facilitating car buying and selling, leveraging Django and PostgreSQL for the backend architecture.
- Employed React.js, Material-UI, and Redux to craft an intuitive and responsive frontend interface, ensuring seamless user interaction and experience.
- Collaborated closely with the frontend team to design reusable components and Higher Order Components (HOCs), streamlining development and promoting code reusability across the platform.
- Delved deeply into React.js, exploring various architectural principles and patterns, including component lifecycle hooks, state management techniques, props drilling, and state lifting, enhancing proficiency in building dynamic and responsive user interfaces.
- Engaged with the backend team, utilizing Python expertise to contribute to backend development tasks and facilitate smooth integration between frontend and backend systems.
- Expanded knowledge of deployment processes by containerizing the React application using Docker, contributing to efficient deployment and maintenance procedures.

SKILLS

Microservice, Java, Spring Boot, Javascript, Typescript, Nodejs, Express, Nestjs, Graphql, WebSocket, Webhook

Mysql, Postgresql, Mongodb

PITR(point in time recovery), WAL(write ahead log) in postgres.

Reactjs, Nextjs, Reduxjs, Material-Ui, Antd, Bootstrap

linux, docker, gitlab ci/cd, github actions, spring cloud, nginx, kubernetes, aws.

LANGUAGES

English

Bengali

Microservice, Java, Spring Boot, Javascript, Typescript, Nodejs, Express, Nestjs, Graphql, WebSocket, Webhook

Reactjs, Nextjs, Reduxjs, Material-Ui, Antd, Bootstrap

linux, docker, gitlab ci/cd, github actions, spring cloud, nginx, kubernetes, aws.