MEHEDI HASSAN

JUNIOR SOFTWARE ENGINEER

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Dhaka, Bangladesh

EDUCATION

BACHELOR'S DEGREE
University of Information Technology &
Sciences
Bangladesh, May 2021

SKILLS

- MERN Stack
- PERN Stack
- REST API
- Test Automation (Cypress & Jest)
- Material UI
- PostgreSQL
- MongoDB
- ORM (Prisma & Mongoose)
- Python (Flask, Scripting)
- Docker
- AWS
- Microservices
- Software Documentation

INTERESTS

DevOps Engineering, Research &
Development, Exploring new techs

PROFILE

I'm a Junior Software Engineer with 2 years of experience specializing in the MERN and PERN stacks. I have a strong background in DevOps, handling development with Docker and implementing automatic deployments using GitHub Actions. I have experience with microservices. My cloud management experience includes working with AWS services such as EC2, RDS, ECR, ECS, and App Runner. I am passionate about building scalable and efficient software solutions. Let's connect and discuss how we can leverage my skills and experience to drive impactful projects forward!

EXPERIENCE

JUNIOR SOFTWARE ENGINEER

Bioforge Health System LTD | Dhaka, Bangladesh | Feb 2022 - PRESENT

Responsibilities

- Develop web application using MERN and PERN stack
- Use Docker for containerization of application in development and production
- Use AWS services like EC2, RDS, App Runner, ECR and ECS to handle deployment of production application
- User Cypress to do e2e testing in React.js and Jest to do unit testing in Express.js
- Use MongoDB and PostgreSQL as database and Mongoose and Prisma as ORM
- Write Python and Bash scripts for handling Cron Jobs
- Handle communication between microservices through API calls, AWS SNS and AWS SQS services

BACKEND ENGINEER INTERN

Bioforge Health System LTD | Dhaka, Bangladesh | Oct 2021 - Jan 2022

Responsibilities.

- Develop web applications using MERN stack
- Write test case using Cypress and Jest
- Handle automatic deployment using GitHub CI/CD
- Write Restful APIs for application backend
- R&D on application features
- Software Documentation