

Hasibul Hasan Associate Software Engineer

✉ hasibulsiam27@gmail.com

☎ 01755770538

📍 Dhaka, Bangladesh

🖱 hasibulhasansiam.me

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📁 PROFESSIONAL EXPERIENCE

Brain Station 23

Associate Software Engineer

2022 May – present | Dhaka, Bangladesh

- Engineered a high-traffic e-commerce platform, accommodating 100+ daily users, with a focus on optimizing site performance and reducing initial loading times using server-side rendering and ISR in Next.js.
- Currently developing a dashboard for an automobile company to manage various assets such as AR content files, ebooks, Images, pdf, etc. to showcase in the App.
- Developed a social platform for fitness enthusiasts. Implemented a serverless Lambda function with Python to process images and videos asynchronously. This transition from synchronous backend processing resulted in a 30% performance improvement.
- Conducted regular code reviews to maintain high-quality coding standards and practices.
- Proactively adopted emerging technologies, demonstrating a commitment to staying updated with industry trends.

Technical Stack: Python, JavaScript, TypeScript, React, Next.js, Express, Nest.js, Node.js, MongoDB, AWS Lambda, AWS S3, Amazon EC2.

Software Engineer Trainee

2022 Jan – 2022 Apr | Dhaka, Bangladesh

- Developed and implemented custom plugins for web-based game development, focusing on rendering 3D assets and artwork seamlessly within the gaming environment.
- Developed an augmented reality application that leverages the phone's camera to simulate various furniture and decorations in a room, showcasing innovative solutions in the realm of augmented reality.

Technical Stack: JavaScript, React, Three.js.

📁 PROJECTS

Stayy

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- Spearheaded the development of a unique property rental platform with a focus on invitation-based interactions.
- Developed a user-friendly UI using Next.js, and Tailwind CSS.
- Implemented a secure authentication system using AWS Cognito.
- Developed a fully functional RESTful API using Nest.js.
- Successfully deployed the application using Amazon Web Services (AWS) infrastructure, including EC2 instances, S3 storage, and Elastic Beanstalk for application hosting, and implemented CI/CD pipelines using CodePipeline, CodeBuild, and GitHub workflows to streamline development and deployment processes.

Technical Stack: TypeScript, React, Next.js, Nest.js, Postgres, Material UI, Tailwind CSS, AWS Cognito, AWS S3, Amazon EC2, Elastic Beanstalk, CodePipeline, CodeBuild.

🎓 EDUCATION

B.Sc. in Computer Science and Engineering

Daffodil International University

2018 Jan – 2022 Jan | Dhaka, Bangladesh

🧠 SKILLS

Programming Languages

C/C++, Python, JavaScript, TypeScript

Frameworks and Libraries

React, Next.js, Express, Nest.js, FastAPI

AWS Services

AWS Lambda, AWS Cognito, AWS S3, Amazon EC2, Elastic Beanstalk, CodePipeline, CodeBuild

Databases

MySQL, Redis, MongoDB, Postgres

Tools

Git, Jira, VSCode

🌟 AREAS OF INTEREST

Distributed Systems, System Design, Cloud Computing