

Shahrier Hossain

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Dhaka, Bangladesh

SKILLS

- **Frontend:** HTML, CSS, JavaScript, TypeScript, React.js, Next.js
- **Backend:** Node.js, Express.js, RESTful APIs
- **Databases:** Relational (SQL), Non-Relational (NoSQL)
- **DevOps:** AWS, Docker, CI/CD Pipeline
- **Data Analysis:** Python, NumPy, Pandas, Statistical Analysis, Data Cleaning

WORK EXPERIENCE

JB Connect: Software Engineer 03/2024 – present

- Associated with two large scaled projects, where I worked on both as a Full Stack Engineer and Frontend Engineer
- I worked with Next.js, Next API routes, Next Auth, Redux, Redux Saga, Redux Toolkit, React.js, Material UI, React Router Dom, React hook form, i18next, Yup validation and Vite
- I solely created Cloud Infrastructure and automated deployment (CI/CD Pipeline) at AWS for two frontend systems and engaged with backend hosting at EC2 Instance.

Munchies: Junior Software Engineer 09/2023 – 03/2024

- Worked on four In-House products: Restaurant Portal, Delivery Service Portal, Admin Portal and Consumer Application
- Created a remarkable voucher system and worked with senior engineers on multiple features.
- Used Next.js, Parse Server, Redux Toolkit, Ant Design, React.js, React Router Dom, React hook form

American International University - Bangladesh: Project Assistant 06/2023 – 09/2023

- Successfully published multiple curriculum and research projects ensuring all requirements were met.
- Gained proficiency in project management methodologies
- Facilitated communication between faculty and students by conducting project management efficiently

RESEARCH

Automated Eye Disease Detection Using Machine Learning Algorithms

- Utilized Convolutional Neural Network (CNN) with the VGG-19 model for automated eye disease detection.
- Leveraged transfer learning to improve model efficiency and K-nearest neighbors (KNN) for image classification.

CERTIFICATIONS

- **Arduino (96 Hours)** – Multi-tech, organized by Bangladesh Hi-Tech Park Authority
- **IoT Fundamentals: Connecting Things** – CISCO
- **Python Data Structures** – University of Michigan (Coursera) [Verification](#)

EDUCATION

American International University - Bangladesh | Dhaka, Bangladesh September 2019 – September 2023

*Bachelor of Science in Computer Science and Engineering, **Major:** Software Engineering*