

Enthusiastic and dedicated software developer seeking an opportunity to apply my strong technical skills and passion for coding to effectively contribute to innovative software projects. I am eager to collaborate with a dynamic team of professionals to enhance my knowledge, grow as a software engineer, and deliver cutting-edge solutions that drive technological advancements in the industry. As a driven learner, I aspire to refine my skills under the mentorship of experienced developers and actively contribute to process enhancement within the team.

## Work Experience

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- **Associate Developer** Live Media Ltd.
  - Frontend development using React Js, Next Js. For global state management, Redux and context apis have been used for handling global state. Design SSR and CSR components based on the needs. Injections of dynamic data in open graph tags. Create a custom audio player for Lekharpoka. Make component based SPA with react.
  - Backend development with Node Js(Express) and Bun Js(Elysiajs). Jwt token is used for authorizing users. Build RestFul apis. Build seamless connection with MySql database, and perform CRUD operation on database, while making apis for Vdoctor and Azrapay. Learned about MongoDB.

## Training and Certificates

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- **Developing Back-End Apps with Node.js and Express**, By IBM (Coursera) 2024
- **React Basics**, By Meat(Coursera) 2024
- **Problem Solving**, By HackerRank 2023
- **Python**, By HackerRank 2023
- **Mobile Application Developer (iOS)**, By ICT DIVISION, Government of Bangladesh 2018

## Technologies and Languages

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- **Languages:** Java Script, C, C++, Python, Java.
- **Technologies:** ReactJS, NextJS , Express , MySQL, Django, Pytorch, Pandas.
- **Other:** Data structures and algorithms, Problem Solving, Machine Learning, Deep Learning, Object Oriented Programming, Database Management System, DD.

## Projects

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- **Lekhar Poka**
  - A web based application for posts and audio book
  - Technology Used: NextJs, Redux, Redux-toolkit, HTML, Tailwind CSS, Javascript, Restful Api
- **Azrapay**
  - A express project
  - Microservice based project
  - My responsibilities: build api, process data from database

- **React Simple Music Player**
  - Fully functional music player
  - Technology Used: NextJs, HTML, CSS, Javascript
- **Implementation of KNN with DDBMS**
  - Implementation of KNN where data are distributed in different server
  - Make a view/table of data[regardless any server] and apply KNN on view
- **AI Chatbot**
  - This chatbot powered by GPT-3.5 turbo
  - Technology Used: MERN(Mongodb, ExpressJs, ReactJs, NodeJs)
- **Number of fingers using CNN-PyTorch**
  - A ML project.
  - Technology Used: Python, PyTorch, Pandas
- **Digital Resume with a Python Backend**
  - A Django based website
  - Technology Used: Django,Sqlite, Bootstrap, HTML-CSS
- **Healthcare Report System**
  - Store all previous history of a patient
- **Josim**
  - A fighting game.
  - Technology Used: C, C++, iGraphics

By doing these projects, I have learned about databases, distributed databases, how to set up environments with specific requirements, and about MVC and MVT architecture. Overall, these help me strengthen my logical resonance and problem-solving capability.

## Education and Certifications

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- **B.Sc. Computer Science**, Ahsanullah University of Science and Technology **2017–2022**

## Academic Thesis

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- **Editing Bengali Scene Text With Style Retention**  
SRNet model can remove Bengali scene text and repaint with original font and background style with new text.