

# Alkemy Hossain

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## SKILLS SUMMARY

- **Languages:** JavaScript, TypeScript, C, C++, JAVA, SQL
- **Frameworks:** Next.js, ReactJS, Gatsby, Vue3, Tailwind CSS, AntD, MUI, SCSS, Angular, REST API, GraphQL
- **Tools:** MongoDB, GIT, Jira, Figma, Canva, MySQL, SSMS, MS Excel, Wordpress
- **Platforms:** Linux, Scrum, Windows, Arduino, Netlify, Linux Server, AWS

## EXPERIENCE

- **Software Engineer** Dhaka, BD  
WTV Global (Full-time) Aug 2021 - Present
  - **ReactJS Developer:** Work on the Development of **ConnectStudio** a web application for a streaming platform using NextJS, SCSS as part of global team of **WtvGlobal** UK. Also develop **VerifyPlus** care home application for hospitals.
- **Software Engineer** Remote  
FrontPayment (Part-time) Mar 2021 - Present
  - **FrontEnd Developer:** Developed **FrontGo** a system that is built for the Norwegian market for financing, payment, and administration solutions, preferably for small and medium-sized enterprises. ReactJS, Tailwind, MUI, REST API
- **Jr. Software Engineer** Dhaka, BD  
ZapTwo (Full-time) Mar 2020 - Aug 2021
  - **FrontEnd Developer:** Architect and Developed **Tourgo** a web application for booking hotel rooms, and tour packages using Node.js, MongoDB, Typescript, and, pugJs. Developed **Easy Invoice** an invoice system for shops to keep track of their sales, stock using Node.js and Typescript. Also, I have designed some static websites for the company.

## RESEARCH

- **Fake news Identification by Stance Detection:** Implemented "Fake news Identification by Stance Detection". As a team member, my responsibility was to work on the data set and Machine Learning model.)

## PROJECTS

- **ConnectStudio:** is a self manages web portal builder for customers of WTV. It is a content-rich, interactive platform that turns business video communications into engaging, live virtual events. **NextJS, SCSS, Java Spring**
- **EasyWebcast:** is WTV's easy-to-use, low-cost, self-service webcasting platform to manage all webcast that is built using **NextJS, Java Spring, GraphQL**
- **PresenterConsole:** is a platform of WTV for the producer/moderator and presenter to manage a specific webcast for a live event. **NextJS, Java Spring, GraphQL**
- **FrontGO:** is a system that is built for the Norwegian market for financing, payment, and administration solutions, preferably for small and medium-sized enterprises. **ReactJS, Tailwind, MUI, REST API**
- **VerifyPlus:** is a web app for care homes in the UK to track and Instantly help support Social Care providers' robust systems for Visitors, Vaccinations Testing Compliance. **ReactJS, NestJS, MUI**
- **Techrev (ReactJS):** **Techrev** is a review portal for all kinds of digital products. I have Architect and develop it using technologies like ReactJs, Contentful, Tailwind CSS and GraphQL. It is basically a headless CMS approach.
- **BlueSpace Website (GatsbyJs):** **BlueSpace** is a single page web application for a tech company. I have Architect and develop it using technologies like GatsbyJs, Contentful, Tailwind CSS and GraphQL. It's Serverless so the website is fast.
- **ExeCarWash (Vue 3):** **ExeCarWash** is a single page web application for Car Wash Detail company. I have Architect and develop it using technologies like Vue 3, TypeScript, Tailwind CSS. It's Single Page Architecture so the website is fast.

## EDUCATION

- **International University of Business Agriculture and Engineering** Dhaka, Bangladesh  
Bachelor of Science in Computer Science and Engineering; GPA: 3.66/4.00 January 2016 - January 2020  
Courses: Data Structures and Algorithms, Discrete Mathematics, Networking, Operating Systems, System analysis, Databases..
- **Milestone College** Dhaka Board  
Higher Secondary School Certificate in Science; GPA: 5.00/5.00 Passing Year 2014

## AWARDS AND CERTIFICATIONS

- Awarded as Winner of Intra University Robotics Contest.
- Attended Intra University Programming Contest.
- Attended Front-End Web Development with React by HKUST at Coursera.
- Attend 'Introduction to programming in java' on MIT OpenCourseWare.
- Attend 'Web Scraping with Python' on DataCamp.

## VOLUNTEER EXPERIENCE

- **Mentor**  
Mentored in the student mentoring class of the Department of Computer Science & Engineering, IUBAT.
- **Deputy Event Manager**  
Organized events, conducted workshops, and serve more than 1400 Students of CSE Department.