

# Mohammad Mazedul Islam

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Dhaka, Bangladesh

## EXPERIENCE

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- **Vantage Labs LLC** Remote  
*Full-Stack Software Engineer* May 2022 - Present
  - **Web Development:** Remotely collaborating with a multicultural international team and implementing admin dashboard for e-commerce websites using React, Redux, RTK Query, Material UI, Spring-boot, Postgres, etc.
- **Impel IT Solutions** Dhaka, Bangladesh  
*Full-Stack Software Engineer* Mar 2020 - May 2022
  - **Core Development:** Developed SPA using Angular, Typescript, HTML5, CSS3, SASS and Angular Material with multiple theme support. Also designed and implemented REST APIs using Java, Spring-boot, JPA, Hibernate.
  - **Optimization and Performance Improvement:** Improved initial loading performance of Angular application by separating modules and using custom lazy loading strategy.
  - **CI/CD Pipeline:** Proactively introduced CI/CD pipeline to team members and implemented automated deployment system for our Maven application using GitLab CI/CD Pipeline.
  - **Knowledge Transfer:** On regular basis we used to take short seminars in our office to share what exciting technologies or techniques we learned. I have talked about Angular, Docker and GitLab CI/CD pipeline.
- **Relisource Technologies** Dhaka, Bangladesh  
*Software Engineer* Aug 2019 - Feb 2020
  - **Frontend Improvement:** Modernized existing bloated frontend code using Javascript/ES6, HTML5 and CSS3.
  - **Code Review:** Participated in code reviews as a reviewer to ensure properly designed reusable UI components.
- **Orbitax Bangladesh Limited** Dhaka, Bangladesh  
*Associate Software Engineer* Mar 2018 - Jul 2019
  - **Single Page Application:** Developed lazy loaded modules of SPA using Angular, NgRx/Redux, RxJs and SASS. Consumed GraphQL and REST APIs in Angular application. And created NPM package whenever possible to make it reusable.
  - **Agile Method:** Experienced Agile and Scrum process to deliver the business value in shortest possible time.
  - **Research and Development:** Had to do POC on several technologies like React vs Angular for SPA, Google Dialogflow for chat bot, etc. to see whether we can adopt the technologies.
- **LII Lab** Dhaka, Bangladesh  
*Software Engineer* Aug 2017 - Feb 2018
  - **Image Editing App:** Developed Android application for image editing, background changing, cropping, resizing, and applying color filters. Implemented automatic similar color removal feature using Flood Fill algorithm.

## PROJECTS

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- **ngx-mzd-timeline:** Angular material theme supported open source library for generating vertical timeline in Angular applications. A public package is available in NPM registry.  
<https://github.com/mazid1/ngx-mzd-timeline>  
<https://www.npmjs.com/package/ngx-mzd-timeline>
- **Personal Website:** Personal portfolio website developed using ReactJS, NextJS, SASS and deployed in Vercel.  
<https://mazedulislam.com/>

## EDUCATION

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- **University of Dhaka** Dhaka, Bangladesh  
*Bachelor of Science in Computer Science and Engineering* Jan. 2013 - Apr. 2017

## PROGRAMMING SKILLS

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- **Languages:** Javascript (ES6+), Typescript, Java, Python, SQL, HTML, C, C++
- **Technologies:** Angular, ReactJS, Spring-boot, NodeJS, ExpressJS, MongoDB, MySQL, Docker, Kubernetes, Git, Gitlab CI/CD, Linux, Windows, Apache Tomcat server, AWS