

M Golam Rabbani

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WORK EXPERIENCE

Blue Yonder | JDA Software

Sep 2019 – Present

Software Engineer | Full time | Karlsruhe, DE
<https://now.jda.com/blueyonder-de>

- Used latest technology on both such as TypeScript, React/RxJS, Python, Flask, Jenkins, docker etc.
- Worked with Data visualization tools such as highcharts to display charts/graphs of predictions, target coming from daily huge datasets from retail stores and outlets sells and stock by using machine learning model.
- Worked in Agile environment with kanban methodology
- Migrated existing test framework to react-testing-library with jest
- Reduced CI/CD time to 50% by improving jenkins configurations

Dynamic Solutions Innovators

Feb 2019 – Jul 2019

Software Engineer | Full time | Dhaka, BD
<http://dsinnovators.com>

- Used latest technology on both frontend and backend such as TypeScript, React/Redux, Hapi.js, GraphQL, docker etc
- Worked in Agile environment with bi-weekly scrum meeting & daily standup.
- Refactored the application's front-end structure to make the app faster and smooth user experience.
- Contributed to Open Source Project!

Self Employed

Jun 2012 – Aug 2018

Full Stack Developer | remote

- Worked with many international clients's projects from countries like USA, UK, Russia.
- Built various applications with React, React Native, Node JS.
- Many websites were revamped and built using WordPress for various categories including blog, E-commerce, Business sites which helps them to attract more customers.
- Improved and increased website's presence on the internet by optimizing page speeds, revamp layout of websites.

Invento Bangladesh

Feb 2016 – Oct 2016

Web Developer | part time | Dhaka, BD
<https://invento.com.bd>

- Built websites for businesses with HTML3, CSS3, PHP & JavaScript.
- Teamed up with lead designer to improve the Restaurant POS System's User Interface.

RESEARCH EXPERIENCE

Conference Paper

- **Title:** Rabbani, Golam et al. "Comparative Analysis of Bagging and Boosting Incorporated with Tree Based Classifiers for Predicting EEG Eye State" (IEEE local conference)

PROJECTS

React Image Pan and Zoom Package

NPM Package / React JS

<https://www.npmjs.com/package/react-image-pan-zoom-rotate>

- An npm package to use in react js application to handle image with the feature like zooming and rotating

Savior – Blood Donating App

Android Application – UI/UX Design

- Did Market research, Requirements Analysis to check the market value of the app.
- Designed a prototype with Sketch app and Adobe XD.

University Questions

Android Application / React Native & Firebase

<https://play.google.com/store/apps/details?id=com.university.question>

- Designed, developed & released the app in play store which helps students search and uploading previous semester questions to get the idea.

EDUCATION

Bachelor of Science in Software Engineering

Daffodil International University

Apr 2015 - Dec 2018

CGPA 3.42

ACCOMPLISHMENTS / CERTIFIED COURSES

- User Interface Design Specialization – University of Minnesota [coursera]
- A Crash Course in Data Science [coursera]
- Machine Learning Specialization by Google [coursera]
- CS50x: Introduction to Computer Science – Harvard University [edX]

VOLUNTEER WORK

Bangladesh Innovation Forum

Youth social services organization

- Organized seminars related to cloud computing and user experience.

Higher Study Abroad

Social community

- Moderated such as approving posts and members in their Facebook group with 160k people as a moderator.
- Organized events in offline in various universities.

TECHNICAL SKILLS & TOOLS

Development: TypeScript, React JS, React Native, Node JS,, ES6/ES7, PWA, Redux, HTML5, CSS3, SASS, GraphQL/ REST, Express/Koa/Hapi, Elasticsearch, MongoDB, MySQL, OpenAPI

Deployment Tools: Docker, AWS, Babel, Webpack, Yarn, CI/CD, Jenkins, Git, GitHub, Jest, RTL, Enzyme

Programming Languages: JavaScript, PHP, OOP, Java, Python, C

Design & Prototyping: UX, UI, MVP, Requirements analysis, Persona & Scenario, Wireframing, Photoshop, Sketch, Adobe XD

Embedded Systems: IoT, Arduino, Raspberry Pi