

ROWNAK JAHAN

SOFTWARE ENGINEER

Software Engineer with 9 years of full stack web development experience having specialization in Ruby on Rails, React JS and Typescript.

Looking for a challenging role in the IT industry, which offers a competitive, performance based environment, nourishes the talents, and explores inherent abilities. Strong desire to lead an honest life with dignity.

TOTAL YEARS OF EXPERIENCE: 9 years

WORK EXPERIENCE

2023-01 InfoDigita Technologies | Senior Software Engineer

~ Project: <https://zytrack.ch/>

2023-09 Responsibilities:

- ❑ Develop new features for web app using **Ruby on rails**, **Stimulus.js**, **JQuery**, **PostgreSQL** and **Bootstrap CSS**
- ❑ Bug fixing of existing features
- ❑ Feed and backfeed Bexio data into Zytrack Application

2020-03 Bitfountain Inc

~ Technical Lead (Mar, 2021 ~ Dec, 2022)

2022-12 Client: Relic Co., Ltd. (Relic Inc.) (<https://relic.co.jp/>)

Project: <https://relic.co.jp/services/booster/>

Responsibilities:

- ❑ Analyze requirement, implementation planning, prepare high and low level design, database design, UI prototype design
- ❑ Implement Restful API using **Ruby on Rails** with **MySQL**.
- ❑ Work with external APIs i.e., **Shopify (REST APIs & GraphQL APIs)**, **Sendgrid APIs**
- ❑ Develop frontend using **React JS**, **Next.js**, **Typescript** and **Material UI**
- ❑ Write unit test cases. Conduct functional testing, prepare test document and share the deliverables with the client
- ❑ Deploy using Capistrano
- ❑ Use different Amazon web services like **Redshift**, **RDS**, **S3**, **EC2**, **Amplify**

Senior software engineer (Mar, 2020 ~ Feb, 2021)

Client: ZENKIGEN, Inc. (<https://zenkigen.co.jp/>)

Project: <https://harutaka.jp/>

Responsibilities:

- ❑ Analyze requirement of assigned tasks and implementation planning
- ❑ Develop frontend with **React JS**, **Redux**, **Typescript** and **Material-UI**.
- ❑ Implement Restful API using **Ruby on Rails** with **MySQL**.
- ❑ Write unit test cases using **Rspec**
- ❑ API documentation using **Swagger**.

2017-04 Bangladesh Computer Council | Programmer

~ Responsibilities:

- 2019-06**
- ❑ Prepare Test plan & Risk management procedure.
 - ❑ Test case authoring and execution.
 - ❑ Contribute to process improvement.
 - ❑ Conduct **Security testing based on OWASP** top security vulnerabilities.

Personal Information

Address

Dhaka, Bangladesh

Contact Number

+880 1997557571

E-mail

rownaknira@gmail.com

Date of Birth

30-Dec-1991

Linkedin

<https://www.linkedin.com/in/rownak-jahan-9a9a1782/>

Git

<https://github.com/Rownaknira>
<https://github.com/Rownak-jahan>
<https://gitlab.com/Rownaknira>

Leetcode

<https://leetcode.com/RJahan/>

Portfolio

<https://rownaknira.github.io/portfolio/>

English – Professional working proficiency

PROJECTS

- **Zytrack**

Time tracking app developed using Ruby on rails, jQuery, Bootstrap CSS and PostgreSQL (<https://zytrack.ch/>)

Any company willing to track work hours of its employees can use this app. Apart from time tracking, this app can be used for leave management, extra hours and overtime management, project management, integration with other applications like Bexio and so on.

- **Booster**

A smart marketing app for e-commerce solutions developed using Ruby on rails, React.js, Next.js, Typescript, Material UI and MySQL. (<https://relic.co.jp/services/booster/>)

This app is designed to boost sales of e-commerce solutions. Through its intelligence, it finds out its target customers and specific time at which there is a high possibility of buying products and sends different promotional SMS and email to the intended customers.

- **Harutaka**

Job recruitment app developed using Ruby on rails, React.js, Redux, Next.js, typescript, Material UI and MySQL. (<https://harutaka.jp/>)

Basically it is used for candidate management, interview scheduling and exam question preparation, online interview, interview assessment and so on.

Personal Projects

Bengali Vowel Detection system using Python, Keras, OpenCV, Numpy, Flask, JQuery, AJAX, Bootstrap,

Display bitmap of BDF font using Python

Predict output of 4-input AND gate using Forward pass and Backpropagation using Java