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 | Project: https://zytrack.ch/ | | |
|---------|---|--|--|
| ~ | | | |
| 2023-09 | | | |
| | 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 | Ritfountain 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.is, 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.ip/

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:

☐ Prepare Test plan & Risk management procedure. 2019-06

- ☐ 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

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E-mail

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Date of Birth

30-Dec-1991

Linkedin

https://www.linkedin.com/in/rown ak-iahan-9a9a1782/

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

Leetcode

https://leetcode.com/RJahan/

Portfolio

https://rownaknira.github.io/portfo lio/

| | Conduct Devicements Testing using LID Loadyunger 9 | | |
|-------------------------|---|---|--|
| | Conduct Performance Testing using HP Loadrunner & JMeter. | Skills | |
| | Develop in-house software for organization Projects: http://inventory.bcc.gov.bd (Ruby on rails, MySQL, JQuery, Bootstrap CSS) http://sqtc.bcc.gov.bd/ (Laravel, MySQL and Bootstrap CSS) Completed Functional and security testing of 6 web applications | Programming Language Ruby (5 years) Java (1 year) C C++ PHP (1 year) | |
| 2015-09 ~ 2017-03 | Framgia Bangladesh Ltd. System Development Engineer Responsibilities: ☐ Requirement analysis, system & database design ☐ Develop applications. ☐ Write unit test cases using Rspec Projects: | Framework Ruby on rails (5 years) Java Play (8 months) Laravel (4 months) CakePHP (6 months) | |
| | Hishab (implemented Restful API using Java Play and Cassandra) Framgia Groupware (Ruby on Rails, MySQL, CoffeeScript and Bootstrap CSS) | Database Oracle (6 months) MySQL (5 years) PostgreSQL (1 year) Cassandra (NoSQL) (8 months) | |
| 2015-01 | Infosys Limited, Mysore, India Intern Training Title: Development & Maintenance of Java-based | Frontend | |
| 2015-03 | Applications Topic: Java, Oracle, JPA, JSP, JSF, JUnit Testing | JavaScript (5 years) Typescript (2 years) ReactJS (2.5 years) Redux (6 months) Next.js (1 year) JQuery (1.5 years) Bootstrap (1.5 years) Material-UI (2.5 years) Version Control GitHub GitLab | |
| 2014-01 ~ 2014-12 | SME Foundation Assistant Program Officer Responsibilities: ☐ Web development following SDLC ☐ Customize e-Commerce website using WordPress and WooCommerce Projects: ● Accounting Software for SMEs (CakePHP, MySQL, JQuery | | |
| | and Bootstrap CSS)Digital Office (PHP and MySQL) | Operating System | |
| 2013-07 | ERA InfoTech Ltd. Trainee Programmer Responsibilities: | Windows Linux (Ubuntu) | |
| 2013-12 | ☐ Develop large scale web application using Oracle Web Application Express(ApEx) in Banking domain | Languages | |
| | □ Write stored procedures and functions in PL/SQL for application Projects: Bank Asia Agent Banking | English – Professional working proficiency | |
| ACADEM | IC QUALIFICATION | | |
| 2009- 201 | 3 Bachelor of Science in Computer Science & Engineering Military Institute of Science & Technology (MIST) CGPA: 3.4 | | |
| CERTIFICATION | | | |
| • Dev | velopment and Maintenance of Java-based applications | | |
| Cer | tification Authority: Infosys limited, India | | |

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