

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.

TOTAL YEARS OF EXPERIENCE: 9 years

WORK EXPERIENCE

2023-01 InfoDigita Technologies

to Senior Software engineer

2023-09 Project: <https://zytrack.ch/>

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

to 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 level 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**
- ❑ Document API request and response using **Swagger** – OpenAPI Specification.

Personal Information

Address

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Contact Number

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E-mail

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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/>

2017-04 to 2019-06	Bangladesh Computer Council Programmer Responsibilities: <ul style="list-style-type: none"> ❑ Prepare Test plan & Risk management procedure. ❑ Test case authoring and execution. ❑ Conduct Retrospective and contribute to process improvement. ❑ Conduct Security testing based on OWASP top 10 security vulnerabilities. ❑ Conduct Performance Testing using HP Loadrunner & JMeter. ❑ Develop in-house software for organization Projects: <ul style="list-style-type: none"> • 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 	Skills <hr/> Programming Language Ruby (4 years) Java (1 year) C C++ PHP (1 year) Framework Ruby on rails (4 years) Java Play (8 months) Laravel (4 months) CakePHP (6 months) Database Oracle (6 months) MySQL (5 years) PostgreSQL (1 year) Cassandra (NoSQL) (8 months) Frontend 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 Operating System Windows Linux (Ubuntu) Languages <hr/> English – Professional working proficiency
2015-09 to 2017-03	Framgia Bangladesh Ltd. System Development Engineer Responsibilities: <ul style="list-style-type: none"> ❑ Requirement analysis, system & database design ❑ Software development with continuous remote communication with Vietnamese and Japanese engineers and clients. ❑ Write unit test cases using Rspec Projects: <ul style="list-style-type: none"> • Hishab (implemented Restful API using Java Play and Cassandra) • Framgia Groupware (Ruby on Rails, MySQL, CoffeeScript and Bootstrap CSS) 	
2015-01 to 2015-03	Infosys Limited, Mysore, India Intern Training Title: Development & Maintenance of Java-based Applications Topic: Java, Oracle, JPA, JSP, JSF, JUnit Testing	
2014-01 to 2014-12	SME Foundation Assistant Program Officer Responsibilities: <ul style="list-style-type: none"> ❑ Web development following SDLC ❑ Customize e-Commerce website using WordPress and WooCommerce Projects: <ul style="list-style-type: none"> • Accounting Software for SMEs (CakePHP, MySQL, JQuery and Bootstrap CSS) • Digital Office (PHP and MySQL) - inhouse project 	
2013-07 to 2013-12	ERA InfoTech Ltd. Trainee Programmer Responsibilities: <ul style="list-style-type: none"> ❑ Develop large scale web application using Oracle Web Application Express(ApEx) in Banking domain ❑ Write stored procedures and functions in PL/SQL for application Projects: <ul style="list-style-type: none"> • Bank Asia Agent Banking 	

ACADEMIC QUALIFICATION		Personal Projects
2009 -2013	Bachelor of Science in Computer Science & Engineering Military Institute of Science & Technology (MIST) CGPA: 3.4	Bengali Vowel Detection system using Python, Keras, OpenCV, Numpy, Flask, JQuery, AJAX, Bootstrap,
CERTIFICATION		Display bitmap of BDF font using Python
Certification	Certification Authority	Predict output of 4-input AND gate using Forward pass and Backpropagation using Java
Development and Maintenance of Java-based Applications	Infosys Limited, India	
ISTQB® Certified Tester Foundation Level	iSQI	
ISTQB® Certified Tester Foundation Level – Extension, Agile Tester	iSQI	
ISTQB® Certified Tester Advanced Level, Test Analyst	iSQI	
CMAP© Certified Mobile App Professional Foundation Level, Test Automation	iSQI	
CMAP© Certified Mobile App Professional Performance Testing	iSQI	