

# ROBIUL HASSAN

**Sr Software Engineer** (Ruby on Rails, Spring-Boot, ReactJS, Angular, NodeJS, Postgres & AWS)

Coconut Creek, FL 33066

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## Professional Summary

Highly accomplished Full Stack Developer with 6+ years of experience in designing, developing, and deploying scalable web applications. Proven expertise in Java (Spring Boot), Ruby on Rails, ReactJS, and cloud-native technologies (AWS, OpenShift). Demonstrated success in optimizing performance, reducing costs, and delivering complex solutions in Agile environments.

## Projects Showcase

**Metaboost** (Ongoing project, part of the 360tablero suite) Focuses on providing advanced boosting and optimization solutions.

*Technologies: Web Application, SaaS, Optimization*

**DataFlow** - <https://dataflow.360tablero.com/>

(Ongoing project for managing and visualizing data workflows, part of the 360tablero suite)

*Technologies: Data Management, Web Application, Visualization*

**DataGrid** - <https://datagrid.360tablero.com/>

(Ongoing project providing powerful data grid functionalities, part of the 360tablero suite)

*Technologies: Data Grid, Web Application, Enterprise*

**PlutoCoin** - <https://plutocoin.360tablero.com/>

(Ongoing project related to cryptocurrency, part of the 360tablero suite)

*Technologies: Cryptocurrency, FinTech, Web Application*

**Pace-Tracker** Automated ETL process and developed a dashboard using Ruby on Rails, ReactJS, and NodeJS for enhanced advertisement pacing insights.

*Technologies: Ruby on Rails, ReactJS, NodeJS, ETL*

**Corporate Action** Integration with T24 and TCS Bancs for corporate action processing using Ruby on Rails, ReactJS, and NodeJS.

*Technologies: Ruby on Rails, ReactJS, NodeJS, FinTech*

## Technical Skills

**Programming Languages:** Java (Spring Boot), Ruby, JavaScript (ES6+), Python

**Frameworks & Libraries:** ReactJS, Angular, Ruby on Rails, NodeJS, ExpressJS, NextJS, Spring Boot, Hotwire, Turbolinks, Quarkus

**Databases:** PostgreSQL, MySQL, Redshift, Snowflake, MongoDB, CouchDB, Redis, DB2

**Cloud Platforms:** AWS (EC2, Lambda, SSM), OpenShift, Heroku

**Tools:** Git, Docker, Kubernetes, GitLab CI/CD, TeamCity, Ansible, JIRA, Rally, Terraform, Databricks Overwatch, Airflow, ActiveMQ, Kafka

**Methodologies:** Agile/Scrum, CI/CD

## Work Experience

**Senior Software Engineer** Diligent (ISPD) • Boston, MA May 2022 - May 2024

- Developed and maintained full-stack applications using Ruby on Rails, ReactJS, and NodeJS, focusing on data processing and visualization.
- Reduced monthly AWS EC2 costs by 25% by automating instance scheduling with SSM and Lambda, resulting in significant cost savings.

- Enhanced database performance and reliability by migrating multi-model databases to Redshift, reducing manual processing time by 40% and minimizing human error.
- Upgraded legacy Rails applications to version 7.2 with Hotwire and Turbolinks, improving security and maintainability.

**Data Platform Engineer** FREE NOW (MyTaxi) • Hamburg, Germany *Jan 2022 - May 2022*

- Improved Presto cluster deployment on AWS using Terraform and ASG, enhancing scalability and reliability.
- Developed a custom rule engine for IAM role configuration, strengthening security and efficiency in a distributed system.
- Implemented monitoring systems using Databricks Overwatch and Airflow, proactively identifying and resolving production issues.

**Associate - Projects (Software Engineer Consultant)** Cognizant Technology Solutions • Singapore *Oct 2019 - Jan 2022*

- Migrated multiple Spring Boot applications to OpenShift using GitLab, demonstrating hands-on experience with Java and cloud-native deployments.
- Configured CI/CD pipelines using TeamCity and Ansible, accelerating deployment cycles and improving release frequency.
- Worked with diverse technologies (CouchDB, ActiveMQ, Kafka) for high-frequency data transformation, showcasing adaptability and problem-solving skills.
- Built a DSL engine for DB2 data migration, streamlining data integration processes.
- Developed a reactive application using Quarkus and Kafka reactive adopter, improving system responsiveness.

**Front-End Developer** Finterra Technologies Sdn Bhd • Kuala Lumpur, Malaysia *Nov 2017 - Oct 2019*

- Developed a full-stack crypto-exchange application using Ruby on Rails, Angular, and AWS, increasing transaction efficiency.
- Implemented CI/CD pipelines on AWS, automating deployment processes and reducing time to market.
- Redesigned a crowdfunding portal with lazy loading in Angular, improving user experience and performance.

## Education

**M.Sc. Computer Science** Florida Atlantic University • Florida, USA *2025 - Present*

**B.Sc. Computer Science** Asia Pacific University of Technology and Innovation • Kuala Lumpur, Malaysia *2015 - 2018*

## Certifications & Courses

- **Ultimate AWS Certified Developer Associate** - Udemy (2020)
- **Certified Kubernetes Application Developer** - Udemy (2020)
- **NgRx (with NgRx Data) - The Complete Guide** - Udemy (2020)

## Contact

I'm always open to discussing new projects, creative ideas, or opportunities to be part of your visions.

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- **GitHub:** <https://github.com/mrh-jishan>