

Yona Moreda

Software Engineer

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An engineer at heart with 5+ years of experience building large scale, event driven systems using Java/Python and AWS in the finance industry. Proven track record in cloud technology and migration, mentoring engineers on writing robust clean code. I have passion for building things and solving complex problems.

EXPERIENCE

- **Rabobank - Global Client Data System** Utrecht, NL
Software Engineer - Java x Python x AWS Cloud *Jan 2025 - Present*
 - **Global Client Data System:** A cloud migration project for a centralized master data management system for handling clients operating in different regions.
 - **Mentorship:** Mentorship of colleagues on clean quality code. Created a robust code quality validators building a custom rulesets from the ground up.
- **Rabobank - Instant batch payment processing** Utrecht, NL
Software Engineer - Java x AWS Cloud *Dec 2021 - Jan 2025*
 - **Instant batch payment processing:** Worked on instant batch payment processing application build with AWS native technologies to ensure large scale payments compliant with the Dutch instant payment scheme enabling 5s settlement time for corporate customers
 - **Azure DevOps:** Worked with Azure DevOps pipelines to maintain AWS Infra-As-Code paradigm, increasing reliability and reproducibility of our microservices. Developed highly available and highly scalable batch processing to enable Rabobank corporate customers make large volume payments in one step (PAIN ISO 20022)
 - **Kafka:** Driven by Kafka, processing 16 million customer account events daily to handle automatic potential debt returns in case of insufficient balances on settlement dates
 - **System design:** Reworked architectural flows for our event driven architecture to mentor new colleagues in the team to have a grasp of our technical stack
- **Rabobank - Young Professional Program** Utrecht, NL
Software Engineer - Java x AWS Cloud *Apr 2022 - Jan 2025*
 - **Young Professional Program:** An 18 month program occurring once a week on Fridays on developing technical and soft skills. Participated in trainings about Oracle Java certifications. Treasurer and event organizer for this young professional network, with one notable highlight in participating in an organized trip to the European Central Bank in Frankfurt.

PROJECTS - GITHUB

- **Bucket Storage App (Kino):** AWS Cloud based photo bucket app with react-native. Supports user authentication and session management to allow user to view photos stored in cost efficient AWS buckets.
- **Sudoku Solver:** A sudoku-solver made on top of JavaFx. The user can provide any sudoku puzzle with a user friendly UI and solve it on the spot. The app uses BFS algorithm to navigate possible numbers to input until it reaches the end
- **NoSQL Graph Visualization Tool:** OrientDB is NoSQL database that contains hierarchical data and in this project the given database data becomes fully explorable with expanding and collapsing tree structures that are dynamically generated based on the underlying database

EDUCATION

- **Rijksuniversiteit Groningen** Groningen, Netherlands
Bachelor's degree, Computer Science; Grade: 8.1 *Aug. 2017 - Jul. 2020*
- **American International School Dhaka** Dhaka, Bangladesh
International Baccalaureate Diploma *Aug. 2015 - Jun. 2017*

PROGRAMMING SKILLS

- **Languages:** Java, Python, JavaScript, SQL
- **Technologies:** AWS Cloud, React.js, Kafka, PySpark