

Joey de Ruiter

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Rijnsburg, The Netherlands

Skills

Languages: TypeScript/JavaScript, C, C++, C#, Rust, Swift, Python, Java, HTML/CSS

Frameworks: React, Next.js, Angular, Svelte, SwiftUI, Spring, Spring Boot

Databases: PostgreSQL, MSSQL, SQLite, Redis, MariaDB, RabbitMQ

Developer Tools: Git, Docker, CI/CD, Azure

Experience

Freelance Software Engineer – Rijnsburg Aug 2023 – Present

- Gathered detailed functional and non functional requirements, to assist the designing and development of the application.
- Developed, peer-reviewed and delivered major parts of the code base, for the full-stack web application. (Java and React)
- Was responsible for containerizing the application and its services within a Docker Swarm environment.
- Implemented a continuous integration (CI) and continuous delivery (CD) pipeline to improve the developer experience.
- Wrote tests to verify the code against the desired functionality. This improved the stability and developer experience of the product.

Full-Stack Software Engineer, BPI Services B.V. – Reeuwijk Jun 2021 – Aug 2023

iMatch

- Managed, developed and maintained the iOS implementation for the iMatch. The implementation is compliant with the ICAO 9303 specification and was integrated with success at multiple large organizations.
- Improved the firmware of the iMatch. This resulted in an iMatch that was faster, more secure and a more robust experience. It even opened the opportunity to support a new and larger fingerprint scanner. The FAP50.
- Gathered the requirements, designed and developed a custom hardware and software solution to automate the flashing process of the iMatch PCBs. This resulted in a fully automated flash process, which resulted in a process speed increase of up to 200% and is became more fault tolerant.
- Wrote unit tests to validate the working of multiple systems of the iMatch. This led to a quick development cycle for new features, fixing bugs and general improvements.

ID Flow

- Worked closely together with a colleague to help gathering the requirements, designing and developing the Flow Manager implementation. A user configurable implementation to manage the process flow of ID Flow. This resulted in the product being able to support more business domains.
- Refactored the ID Flow code base into a layered architecture. To increase the maintainability of the code base, decrease the amount of duplicate code and standardize the database operations.
- Took the initiative to setup an initial CI/CD pipeline for ID Flow. Due to this action it was possible to slowly increase the code coverage metrics, leading to a more stable product.
- Integrated the following Azure services into ID Flow: Azure Logic App, Blob Storage and Azure AD.

Full-Stack Software Engineer internship, ING – Amsterdam Sep 2020 – Jan 2021

- Developed and maintained the Tietool. A tool for detecting and repairing data differences between microservices. This tool transformed a manual process into an automated process for the ops team.
- Setup the Tietool servers in the internal private cloud, so we could migrate from the old server infrastructure.
- Reconfigured and improved the CI/CD pipelines. So the application would build, test and deploy all the way from test to production without needing any manual intervention.

Back-End Software Developer, Floro – Rotterdam Sep 2016 – Aug 2019

- Developed and maintained multiple CRM and CMS systems.
- Built a .docx data exporter for a large CRM system. So the customer would be able to tailor the document to their wishes.

Education

Hogeschool Leiden – Bachelor of Science in Computer Science 2017 - 2022

Grafisch Lyceum Rotterdam – MBO-4 Media Technology 2014 - 2017