

Joey de Ruiter

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Rijnsburg, The Netherlands

Skills

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

Frameworks: React, NextJS, Angular, Svelte, SwiftUI, Spring Boot

Databases: PostgreSQL, SQLite, Redis, MariaDB

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

Experience

Software Engineer, BPI Services B.V. – Reeuwijk

Jun 2021 – Aug 2023

iMatch

- Developed, managed 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 speed up of 200% and is 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.

DevOps/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.

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.

Projects

Portfolio website

joeyderuiter.me

- A 90's style 3D rendered computer that showcases my work experience and past projects.
- It has a functional file system and Doom installed.

Education

Hogeschool Leiden – Bachelor of Science in Computer Science

2017 - 2022

Grafisch Lyceum Rotterdam – MBO-4 Media Technology

2015 - 2017