RÉSUMÉ

September 2024

PERSONAL INFORMATION

Name:	Nicolas de Jong
Employer:	Redshift Coding B.V.
Kvk-number:	95072977
Address:	Frankenlaan 89 5037 KG Tilburg
E-mail:	nicolas.de.jong@redshift-coding.nl
Date of birth:	3 november 1971
Place of birth:	Leeuwarden
Nationality:	Dutch
Marital Status:	Married, 2 kids (2014, 2017)

PROFILE

I am a positive, empathic and quality-driven teamplayer who likes to work with people to develop challenging systems. From my research history used to work out new ideas. From my quality history I have learned to create high-quality software code.

Résumé (English & Dutch) at redshift-coding.nl

KNOWLEDGE OVERVIEW

Languages	Dutch (native), Engels (fluently), German (limited)
Computer-Languages	Java, Java/TypeScript, SQL, C#, C
Technologies	Java: Spring (Boot), Tomcat, JPA, Hibernate, JDBC, Maven, Junit, PCF, OpenShift, K8s, HTML5, CSS3, ES2015-19, AngularJS, Angular, NodeJS, npm, git, Jasmine, Selenium, Cypress
Products	IntelliJ, Eclipse, Netbeans, Visual Studio, MySQL, PostgreSQL, Firebird, Docker, Splunk
Quality factors	Coding Standards, TDD, Sonar, Fortify, limit complexity
Process	Agile, Scrum, Kanban

KNOWLEDGE LEVEL

Less	***More***
Groovy C SQL C# Typescript Javascript Java *Hibernate PCF Cloud Tomcat JDBC Spring Boot* *Spock Docker(-compose) Splunk Maven Junit4/5* *AngularJS Angular NodeJS/npm Svelte CSS3 HTML5* *Cypress Selenium Jasmine git* *Netbeans Visual Studio Eclipse IntelliJ*	

KNOWLEDGE USE

2024	Spring Boot, Java, SQL, Splunk, OpenShift	2018	Spring Boot, TypeScript, Angular
2023	Spring Boot, Java, Splunk, Maven	2017	Aurelia, JS, npm, Jasmine, Selenium
2022	Java, SQL, Liquibase	2016	Spring Boot, JS, Aurelia, Jasmine
2021	Spring Boot, PCF, Java, SQL, Liquibase	2015	Spring Boot, Aurelia, AngularJS
2020	Spring Boot, PCF, Splunk, Angular	2014	Tomcat, servlets, Java, JDBC, JS
2019	Spring Boot, PCF, Splunk, Angular	2013	Tomcat, servlets, Java, JDBC, JS

WORK EXPERIENCE

Available
2024-11 – …

Sociale Verzekeringsbank
2022-04 – 2024-11

Senior Software Engineer
Development of 'Mijn Paradocs', a personal layer on top of Paradocs, the datastore that contains legal information about the various social services (like AOW, PGB, Child Benefits, etc), used by employees.

The work can be categorized as follows:
- Java (business logic)
- Spring Boot (Microservices framework)
- SQL (Database model created and filled)
- Splunk (Created statistics dashboards)
- OpenShift (Redhat Kubernetes cloud platform)

This resulted in:
- **MicroStar:** Layer on top of Spring Boot which takes care of deployment, control and configuration of microservices
- **Mijn Paradocs Backend:** Various microservices that provide bookmarks, news and quick-tables to the frontend
- **Splunk dashboards:** Various dashboards that give insight in the use and load of the application

Triodos bank
2021-05 – 2022-02

Senior Software Engineer

As part of the payments team I worked on business logic changes for altered regulatory rules (Target2), migration of settlement technology (MT to PACS), replacement of batch-payments components en openbanking (PSD2) maintenance.

Code I worked on fall in the following categories and technologies:
- Java
- Triodos implementations of database layers
- SQL, Liquibase
- Enterprise Java Beans (EJB)
- JBoss

The results of my activities include:
- Target2 (realtime settlement system) business logic changes
- Implementation of PACS008 validation and processing
- Test-implementation of full flow PAIN batch payment handling
- Small changes in connection beans of the openbanking API

Rabobank
2019-04 – 2021-05

Senior Software Engineer

Development and migration of microservices related to payments, document downloads, messagebox & preferences. These endpoints are being used by the Rabo app, an Angular application (both on desktop and mobile).

Code I worked on fall in the following categories and technologies:
- PCF (Pivotal Cloud Foundry) cloud on top of (in this case) Azure
- Spring Boot applications
- Server clients (native Java using Lombok & Jackson), Swagger & OpenApi generated code.
- Small changes to the Rabo application (Angular)

The results of my activities include:
- Initial work on Alias-Payment service (later called “06-betalen”)
- Repairing parts of message box (e.g. the number of unread messages)
- Continuing development of documents-download (not very)micro service for statements and year overviews of various products (like credit cards, payment- & saving accounts and investments)

Philips Research
2015 – 2019-02

Senior Software Engineer Pre-development

Pre-development of several systems that support doctors at oncology hospital departments.

For this I have performed the following activities:
- Design and planning;
- Implementation & tests;
- Lead meetings and scrums.

The software I have written fall in the following categories and technologies:
- Java servers with Jackson (JSON & REST) and Derby (Java database);
- Java Spring-boot server (micro-services controller);
- AngularJS (2015), Aurelia (2016-2017), Angular2-4 (2018-2019)
- JUnit & Spock (Java tests), Jasmine (Javascript tests), Selenium (Web-app tests)

The results of my activities include:
- A simple authentication server (with own encrypted Derby database);
- FHIR (medical database) server, first own creation, later based on open source HAPI;
- Software to load EPD (hospital-database) to FHIR;
- 1st research oncology web-platform for prostate cancer;
- 2nd research oncology web-platform for prostate and lung cancer;
- Contribution to production version of oncology platform for colon and prostate cancer;
- Web-app for statistical analysis of data of many cancer patients ('Similar Patients');
- Dashboards for (micro-)services up/down status & automation-tests results.

TIOBE Software B.V.
2005 – 2015

Senior Software Engineer

This company (of 6 employees) creates a software framework that runs existing quality analysis software. This includes test-coverage, cyclomatic-complexity, abstract-interpretation, etc. I was involved with the presentation of results and configuration of the framework.

For this I have performed the following activities:
- Design and planning;
- Implementation & tests;
- Lead meetings and scrums.

The software I have written fall in the following categories and technologies:
- Websites using Tomcat servlets and php;
- Desktop applications using Java Swing.

The results of my activities include:
- Website portal.tiobe.com containing various services:
  - Upload/download site for customers and service-staff;
  - Wiki (compatible with JSP Wiki);
  - Bugtracker (originally based on GNATS Bugs);

- Website shipped with the framework that shows the results and provides configuration UI for the tooling;
- Desktop application with detailed global data overview of the results of all customer projects (like a very large spreadsheet with filtering options).

Philips Research
1995 - 2005

Software Engineer

As part of constantly changing multidisciplinary teams brainstorm and develop research-prototypes of new technologies, specifically aimed at new forms of user-interfaces.

For this I have performed the following activities:
- Together with a.o. psychologists and physicists research what is the best way to present information to a user;
- Implement prototypes in short iterations where each iteration includes the results from user-studies on the previous iteration;
- Controlling of prototypes during user-studies and demonstrations;
- Presenting demos for visitors and on conferences.

The software I have written fall in the following categories and technologies:
- Embedded software on CD-i and smart-televisions (C);
- Desktop applications (Java, C);
- Network applications (Java).

The results of my activities include:
- Help with the international development of SMiL (a multi-media markup language that eventually didn't make it);
- Several prototypes of interactive television;
- A digital video recorder that learns from recording history, tries to be predictive in filtering the programme list and showing avatars for the profile it thinks it recognizes;
- Photo browser with filters based on souvenirs using RFID tags;
- Interactive projections on normal objects instead of a screen;
- Music-on-demand server (like Spotify, but client-server instead of peer-peer) & service for thousands of (internal) test-users;
- Entertaible (combination of entertainment & table), an interactive table with touch screen on which objects can be placed, for example for board-games;
- First version of digital AmbiLight.

Océ van der Grinten BV
(graduation project)
1995

Development of an archiving application where scanned newspaper articles can be stored with keywords to generate a clippings-newspaper.

Universiteit Groningen
(internship)
1993

Development of an application to generate questionnaires for psychology studies.

COURSES

2016	Effective communication
2015	Angular2
2004-2005	System architecture Philips internal
1995-now	Self-study for techniques to help improve and simplify software development

EDUCATION

1991 - 1995	HTS - Hogere Informatica
1988 - 1991	MTS – Electrotechniek
1984 – 1988	MAVO

INTERESTS AND OTHER INFORMATION

Interests and hobbies: IT & gadgets, electrical cars, science, reading, running, walking

Opensource software: https://github.com/nicolasdejong

- References available on request