# Michel de Bree

## Freelance Full Stack Java Developer

With 17+ years of experience in complex and dynamic IT landscapes, I am equipped to help you build your automated solutions in an agile and sustainable way.

Currently working with the following techniques:

* [Scrum](https://www.scrum.org) / [Agile SAFE](https://www.scaledagileframework.com)
* [Java 11](https://go.java) / [Spring Boot](https://spring.io/projects/spring-boot) / [Hibernate](https://hibernate.org) / [PostgreSQL](https://www.postgresql.org/) / [Elastic Search](https://www.elastic.co/)
* [React](https://reactjs.org) / [REST](https://en.wikipedia.org/wiki/Representational_state_transfer) / [JSON](https://www.json.org) / [HAL](http://stateless.co/hal_specification.html) / [SOAP](https://en.wikipedia.org/wiki/SOAP) / [OAuth2](https://oauth.net/2/) / [JWT](https://jwt.io) / [OpenAPI (Swagger)](https://swagger.io/specification/) / [DMN](https://www.omg.org/dmn/) / [Drools](https://drools.org/)
* [Kubernetes](https://kubernetes.io) / [Openshift](https://www.openshift.com) / [Helm](https://helm.sh) / [Docker](https://www.docker.com) / [Linux](https://www.linux.org)
* [JUnit](https://junit.org/junit5) / [Mockito](https://site.mockito.org) / [Jest](https://jestjs.io) / [Chai](https://www.chaijs.com) / [Enzyme](https://airbnb.io/enzyme) / [Wiremock](http://wiremock.org) / [Cucumber](https://cucumber.io) / [Selenium](https://www.selenium.dev)
* [Git](https://git-scm.com) / [Gitlab](https://about.gitlab.com) / [Maven](https://maven.apache.org) / [JIRA](https://www.atlassian.com/software/jira) / [Confluence](https://www.atlassian.com/software/confluence) / [SonarQube](https://www.sonarqube.org)

## Personal Information



Photo

* Year of birth: [1972](https://www.onthisday.com/events/date/1972)
* Residence: [The Hague](https://denhaag.com/en) / The Netherlands
* Languages: Dutch (native), English (fluent)
* E-mail: [michel@micheldebree.nl](mailto:michel@micheldebree.nl)
* Website: [micheldebree.nl](https://www.micheldebree.nl)
* LinkedIn: [nl.linkedin.com/in/micheldebree](https://nl.linkedin.com/in/micheldebree)

## Experience

* *2018–now* — **Legislative rule engine with supporting interfaces** @ [Digitaal Stelsel Omgevingswet](https://aandeslagmetdeomgevingswet.nl/digitaal-stelsel/toepasbare-regels-vragenbomen)
  + Lead frontend (React / REST)
  + Component lead backend (Java 11 / Spring Boot / Hibernate / REST / OAuth / JWT)
  + API design and QA (REST / Swagger / OpenAPI)
  + Lead CI/CD migration and improvement (from Bitbucket / Jenkins / Docker Swarm to Gitlab / Kubernetes / Helm)
  + Lead design and implementation of a major overhaul of the datamodel to accommodate changing business requirements, late into the project.
  + Team representative in cross-team Security and Kubernetes guilds
* *2016–2018* — **Central integration hub** @ [Digitaal Stelsel Omgevingswet](https://aandeslagmetdeomgevingswet.nl/digitaal-stelsel)
  + Lead Developer (Java 8 / Spring Boot / WSO2)
  + Scrum Master / Agile SAFE
  + Integration (WSO2 / SOAP / REST / JSON / OAuth)
  + CI/CD development (Docker / Ansible / Linux Shell)
* *2015–2018* — **Platform-as-a-Service** @ [Ministerie van Infrastructuur en Waterstaat](https://www.rijksoverheid.nl/ministeries/ministerie-van-infrastructuur-en-waterstaat)
  + Development of custom components (Java / WSO2)
  + Automated provisioning (Ruby, Linux Shell, Amazon EC2)
* *2014–2015* — **Online authentication** @ [ING Bank](https://www.ing.nl/particulier)
  + Backend development (Java / Spring)
  + Frontend development (Angular)
  + Integration (SOAP / REST)
* *2014* — **Started freelancing** @ [micheldebree.nl](https://www.micheldebree.nl)
* *2005–2014* — **Senior Software Engineer** @ E-ID (now [DearNova](https://www.dearnova.nl))
  + On-site development projects (Aegon bank, VZVZ, TNT)
  + In-house development projects (DELA, KPN, DLL, Ziggo, Infinitas)
  + Java and .NET
  + Pre-sales technical consultancy (KPN, DPD)
  + Lead developer / software architect Nationaal Elektronisch Patiëntendossier for the Dutch government.
* *2001–2005* — **Software Engineer** @ PaC/Imtech ICT (now [Axians](https://www.axians.com/en))
  + Several in-house Java projects
* *1994–2001* — **Developer** @ [Leiden University Medical Center](https://www.lumc.nl/?setlanguage=English)
* *1991–1998* — **Student Software Engineering** @ [Delft University of Technology](https://www.tudelft.nl/en)
* *1987–1995* — **Founder, coder, musician, team-lead** @ [Demoscene](https://en.wikipedia.org/wiki/Demoscene)
* *1984–1991*
  + **Student VWO beta** @ [Het Vlietland College Leiden](https://www.vlietlandcollege.nl)
  + **Self-taught developer** @ [Home](https://www.visitleiden.nl/en)

Up-to-date versions available in [PDF](https://github.com/micheldebree/cv/raw/master/CV-Michel_de_Bree.EN.pdf), [Word](https://github.com/micheldebree/cv/raw/master/CV-Michel_de_Bree.EN.docx) and [online](https://github.com/micheldebree/cv)