ERWIN ROOIJAKKERS

CLOJURE DEVELOPER

Contact

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 transducer
 erwinrooijakkers

Date of birth

December 12, 1987

Languages

Dutch native
English fluent
Hindi intermediate

Interests

Programming
Writing
Meditation
Running

Work experience

2019–Current **Mediquest**   Utrecht, the Netherlands
Clojure Developer
- Led design and coding of a portal for the management of questionnaires and analysing the results. Used by millions of patients and thousands of organizations in the Netherlands. Adhering to the ISO-27001, an international standard for information security management systems and NEN7510, a Dutch standard for information security in healthcare.
- Contributed to hiring and onboarding three new developers.
- Setup CI/CD culture with code reviews, automated tests and deployments on Kubernetes.

2016–2019 **Alliander**   Arnhem, the Netherlands
Clojure Developer
- Developed data authorisation platforms with high scalability in mind for the GDPR-compliant sharing of smart meter measurements for consumers and service providers within the energy market. Proof-of-concept ran successfully in 50 households. Also built a proof-of-concept on top of a distributed ledger.

2014–2016 **ING**   Amsterdam, the Netherlands
Dev Engineer
- Created a domain-specific language called baker in Scala for generating APIs using the Petri net modeling language for distributed systems. Used in the backend of ING's Mobile Onboarding.
- Rebuilt critical service with high scalability and resilience requirements using Akka.
- Maintained and developed features for C#.NET bank account application used by thousands of employees.

2013–2014 **Sogyo**   De Bilt, the Netherlands
Software Engineer
- Completed the Mastercourse Software Engineering.
- Built internal lunch ordering application in C#.NET that is still in use.

Education

2011–2013 **MSc** Transpersonal Psychology and Consciousness Studies
University of Northampton, United Kingdom
Transpersonal psychology attempts to translate spiritual principles into contemporary scientifically grounded language.

2007–2011 **BSc** Liberal Arts & Sciences (Bèta-gamma) (Major: Physics and Astronomy, Minor: Philosophy)
Universiteit van Amsterdam, the Netherlands
Bèta-gamma combines elements of exact sciences, life sciences, social science, economy and philosophy. the core idea of the bachelor is that complex problems cannot be solved from one field of study.

Hobby projects

2017–2020 **Waag Futurelab, Amsterdam**   Amsterdam, the Netherlands
Organized ClojureBridge workshops to increase diversity within the Clojure community.