Robbert Coeckelbergh

Solution Architect

📞 Contact

@ robbert.coeckelbergh@gmail.com

in robbert-coeckelbergh-19573240

🔗 https://braindrop.be

👤 About Me

Experienced Solution Architect with over 10 years of expertise in turning complex business requirements into practical, high-impact solutions. I'm passionate about reducing complexity, optimizing infrastructure, and enabling teams to focus on what truly matters - delivering value to customers efficiently.

💼 Experience

Solution Architect
Credix
Nov 2022 - Nov 2024

As a Solution Architect at Credix, my role was twofold:

1 Bridging Product & Technology

I worked closely with project managers and subject matter experts to translate product features into tangible deliverables, ensuring a fast feedback loop and maximizing customer value.

2 Building a Scalable & Future-Proof Infrastructure

To enhance Credix's technical foundation, I led key infrastructure improvements like:

- Infrastructure as Code to improve scalability and reliability
- CI/CD best practices for faster and more efficient deployments
- Selecting cloud technologies to reduce operational overhead and focus on business logic
- Implementing an Identity Provider & API Gateway to lay the groundwork for IAM across multiple teams

From solution design to stakeholder communication and hands-on implementation, I collaborated closely with the CTO and different teams to drive strategic architectural decisions.

Co-founder & Technical Lead
Hugs
Feb 2022 - Nov 2022

As a co-founder and technical lead, I'm in charge of technology at Hugs. My main responsibilities are designing and building a platform for decentralized crowdsourcing. Of course, I'm not doing this alone, I work together with a talented development team. Additionally, in the context of a startup it is important to find a good balance between product quality and speed of development.

Solution Architect
IntellectEU
Jun 2019 - Feb 2022

As Solution Architect I'm responsible for creating technical solutions for a variety of Blockchain Projects, typically in the financial sector. Some of my daily tasks include: following up on new technologies, participate in interactive workshops with customers, create high-level architectures, design more detailed technical solutions. Frequently used technologies are: Hyperledger Fabric, Corda, DAML, Kubernetes, Docker, Spring Boot, Java,...

Crypto & Blockchain Architect
Geens NPO
Dec 2018 - Jun 2019

As Crypto and Blockchain Architect at Geens.com, I am the technical lead and architect of the self-sovereign identity project in collaboration with NEM. In this project I am responsible for the overall architecture, designing specific solutions and leading a development team.

In addition, I create cryptographic solutions and system architectures for other Geens services like the end-to-end encrypted Cloud Storage.

✜ Skills

- **Solution Architecture**
- **Unified Modeling Language**
- **Crypto & Blockchain**
- **Cloud infrastructure (GCP, AWS)**
- **IaC (Terraform)**
- **Identity Providers (Auth0, Keycloak)**
- **OpenAPI**
- **CICD (Github, Gitlab)**
- **Databases**
- **Programming (Typescript, Java, Python,...)**

✜ Competences

- **Ownership and Leadership**
- **Strong communication skills**
- **Fast learner**
- **Analytical thinker**
- **Presentation skills**
- **Professional communication**

Languages

- **Dutch (Native)**
- **English (Advanced)**
- **French (Intermediate)**

Hobbies

- **Beer Brewing**
- **Running**
- **Board Games**

Technical Consultant
SWIFT

Jan 2015 - May 2018

As part of the Professional Services team, I was responsible for the integration of a messaging interface solution (AMH) within large banks all over the world. In these international projects, I took the role of technical lead within teams of around 3-5 people. This means I was responsible for gathering customer requirements, designing solutions and leading the implementation of these solutions. As customer interaction was important in this role, I travelled to South-Africa, Singapore and Russia during this period.

Firmware Design Engineer
Option NV

Sep 2013 - Jan 2015

As a firmware design engineer I am responsible for the firmware enhancement of the m2mbox 'Cloudgate' which is an embedded linux platform. The development takes place in a team of 20 using the Scrum framework. Bringing together team knowledge, personal experience and logical thinking to accomplish the company goals is the general mindset for this job.

🎓 Education

Master in Engineering
KU Leuven

2008 - 2013

Studied a Master in Engineering for 5 years at the KU Leuven including 6 months of Erasmus at Toulouse.
My major focused around embedded systems, software development and Cryptography.

Future Leaders Academy
Exellys

2014 - 2018

The Exellys Future Leaders Academy is a program that focuses on transforming IT-professionals into Future-fit Digital Leaders. This program contains personal coaching and hands-on leadership experience by doing workshops and off-site activities provided by Outward Bound, StreetWize and others. Some of the topics we worked on:
- Group and team dynamics
- Feedback
- Story telling & Pitching
- Leading Change