

# Howard Lin

## Senior Full Stack Engineer/Architect

✉ howard.lin452568@gmail.com

📍 Brussels, Belgium

Seasoned Full Stack Engineer with over 7 years of experience focus on both front-end and back-end technologies. Proficient in **JavaScript, TypeScript, Python** and **Golang**, with a strong understanding of system architecture. Demonstrated ability to build complex applications in several industries such as **Media & Entertainment, E-Commerce, Healthcare, Insurance** and **Fintech**. Adept at working in **Agile** environments, with a track record of receiving design requirements, **pair programming**, and **testing** 100% of all applications.

### Experience

#### Senior Full Stack Engineer/Architect, Decloudsweb

04/2021 - 05/2024

- Built out **EPG service** for gathering programming information from different providers and publishing enriched data to multiple publishers, which bring more than 60 customers to the company, and resulted 40% company revenue growth.
- Managed **content strategy** and scheduling for an **OTT platform**, curating a diverse range of **ads, movies, TV shows**, and original content.
- **Analyzed viewer data and trends** to optimize content recommendations and improve user engagement.
- Used **Domain-Driven Design** for program-publisher-oriented project, which well fits for the business purpose.
- Developed approximately **20 ETL microservices** leveraging **Event-Driven Architecture** to enrich the database and enable real-time data processing, empowering the product team to define the purpose of these microservices as needed.
- Worked closely with **machine learning developers** to enhance the data processing, and solved several complex and difficult business requirements.
- Built several **internal libraries, SDKs** and **node modules**, so that other teams can easily interact with different Microservices.
- Built frontend as **micro-frontends** which reduce the complexity of working with several teams in the complex frontends.
- **Optimized** performance and scalability for high-volume activities using serverless AWS Lambda functions.
- Designed and implemented a fully automated **CI/CD pipeline**, reducing deployment time by 50% and increasing deployment frequency by 60%.
- Understood and shared the clear business logic with team members through **Agile Meetings**.
- **Mentored** 2 developers for the team growth.

#### Senior Full Stack Developer, Lunatech

07/2019 - 03/2021

- Engineered an **automatic push notification** workflow, enabling marketing teams to independently test and deploy new push notifications to users, thereby reducing dependency on the development team, resulting streamlined process improved efficiency.
- Proposed a **fee model system** to the client that supported multiple currency exchanges, upon successful implementation, this led to a remarkable increase in fundraising by over 200%, demonstrating the system's effectiveness and potential for financial growth.

- Integrated the **Nuvei** provider into the banking system, allowing customers to directly deposit and withdraw funds, thereby enhancing the convenience and accessibility of banking services.
- Designed and implemented a **CI/CD** pipeline using Jenkins and Docker, automating the build, test, and deployment process.
- Leveraged **Git** for version control, ensuring tight integration and rapid restoration of previous builds.

### Full Stack Developer, Hvantage Technologies

11/2017 -06/2019

- Understand the **big picture** of the project, and pushed forward the team's development.
- **Gathered** and **refined** specifications and requirements based on technical needs.
- **Built** and **maintained** web applications using popular front-end frameworks.
- Coordinated with product team and UI/UX designers to come up with best user experience for customers.
- Followed **strict coding standards** and efficient code with attention to detail.
- Developed applications using React while managing the State through **Redux** and **Redux-Forms**.
- Collaborated with 4 senior developers while consistently implementing their **feedback**.

## Skills

---

- **Languages** : HTML5, CSS3, JavaScript, TypeScript, PHP, Python, Golang, Rust
- **Libraries & Frameworks** : Bootstrap, Ant Design, Material UI, Tailwind CSS, React.js, Next.js, Vue.js, Nuxt.js, Angular, Node.js, Express.js, Nest.js, CI, Laravel, Django, Flask
- **DevOps** : CI/CD, GithubAction, Jenkins
- **Database** : MySQL, SQLite, PostgreSQL, MongoDB, DynamoDB, Redis
- **Containerization** : Docker, Kubernetes
- **Cloud Platforms** : AWS, GCP

## Education

---

### University of Liege

- Bachelor in Computer Science

2013-2017