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I have worked for different companies and industries, such as tech giant IBM and music industry disruptor Last.fm. At the moment I'm creating games for gambling startup Gamevy.

I combine **full stack tech experience** with the skills to **manage and deliver successful projects**.

My current focus is on **creating innovative real money games** - from slots with a twist to completely new concepts.

Please visit [marekventur.com](http://marekventur.com) for a selection of projects and games I've worked on.

## Skills

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- **Game Development:** Concept, prototype, pay table, simulation
- **Project Management:** Agile methodologies, team and client communication
- **UX:** Wire framing, user flow, A/B testing
- **Frontend Development:** HTML5 Game Development, JS, CSS, PIXI.js
- **Backend Development:** Node.js, Python, Java, PHP
- **Operations:** Server administration, CI, scaling, automation, monitoring
- **Data analysis:** Reporting, BI, web analytics
- **Bilingual:** English, German

## Employment history

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### Gamevy (Aug 2013 - Present), London

Senior Developer and Game Producer

As the first non-founder to join Gamevy I've worked on game design, HTML5 frontends, backend infrastructure and operations

- **Developing game concepts** for the majority of Gamevy's games to date.
- **Project management** from customer request to delivery
- Creating playable **prototypes and simulations** as well as the probabilistic maths to verify their correctness
- **UX:** Making sure that Gamevy's games not only look great but are also easy to understand and a fun to play
- Implementation of **backend** infrastructure in accordance with gambling regulations
- Implementation of **game frontend** for both mobile and desktop via HTML5. Frequent contributor to PIXI.js
- Creation of **infrastructure** for continuous deployment, scaling, monitoring and auditing

### Last.fm (Dec 2012 - Aug 2013), London

Data Developer

Designing and maintaining back-end services in Java, Hadoop

- Refactoring and enhancements for **Music Manager**, a platform for labels that supplies most of Last.fm's streams
- **Data research** (Hadoop, Hive, SQL)

### Last.fm (Oct 2011 - Dec 2012), London

Web Developer

Back-end focused, with occasional front end projects in a small team

- Refactor of a chart-image generator service, serving millions of requests per day
- Maintenance of infrastructure that handles user-uploaded images
- Suggested, prototyped, designed and implemented main parts of Last.fm's **realtime charts infrastructure** that provided up-to-the-second resolution
- Participated in major redesign project

### IBM (Oct 2008 - Nov 2011), Germany

Corporate Student Program

Full time project work in various IBM teams combined with an integrated university BSc program

- Planning, design and development of a virtual tour through IBM data centres
- Development of various tools to improve reusability of automated test cases on z/Linux
- Development, roll out and support of a web based process planning tool

## Education

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### Baden-Wuerttemberg Cooperative State University Mannheim (Oct 2008 - Nov 2011)

BSc Science, Business Informatics