

## Contact

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## Top Skills

Public Speaking  
Software Development  
Philosophy

## Languages

Klingon (Limited Working)  
English (Full Professional)  
German (Limited Working)  
Croatian (Native or Bilingual)

## Honors-Awards

National Competition in Algorithms

# Mario Novak

Data Sculptor, Architect of Systems and Products.  
Croatia

## Summary

Data Sculptor, Architect of Systems and Products.

Founded startups in the fields of Education and Sports and led teams of up to ten people.

Worked, as a Systems Architect, Frontend, and Backend Developer, for a product company, a digital agency, and as a remote freelancer.

During my HighSchool days, I've launched and managed web portals on the topics of Sports, Gaming, and IT, worked as an IT reviewer for an established Croatian site, competed at the National level in Algorithms, and built an Operating System for 32-bit Computers.

Feel free to check the information I featured below and get in touch if you have any interesting challenges.

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## Experience

### Andromeda

Systems Architect, Founder and CEO  
May 2019 - Present (2 years 5 months)

Architecting Event-Driven Systems.

Technology Stack: TypeScript, Node.js (Koa.js, Nest.js), Kafka, MongoDB, Elasticsearch, GraphQL, Vue.js.

### Habitus

Product and Software Developer  
May 2020 - Present (1 year 5 months)

Healthiest version of you

Anonymous & Open-Source

Gamified Emotion, Habit Tracker and Journal

Technology: TypeScript 3.8, Koa.js 2.13.1, Vue.js 2.6, Vuetify 2.2, Progressive Web App

- Open-Source,
- Anonymous,
- Storing data only in your browser.

## Typeqast

Software Developer

June 2018 - September 2019 (1 year 4 months)

Architecting and Developing ERP systems for International Clients, as well as building internal apps for the Company.

Technology Stack: Laravel, Vue.js, Symfony.

## Iron Heart Festival

Developer, Founder and CEO

October 2014 - October 2018 (4 years 1 month)

Sv. Martin, Croatia

Offline Competition and Digital Arena - The Most Athletic Individuals on the Planet

7+ million views on YouTube.

20k+ subscribers on YouTube.

Features:

- Perfect mix of disciplines.
- Benchmark your speed, strength, agility.
- Compete with others once a year - at IHF Finals in Croatia.
- Track your progress online - Arena - Digital playground.
- Academy - Workshops and Lectures - Online and Offline in Croatia.

Involvement:

- Marketing
- Product Development
- API Development (Laravel 5)

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## About the Iron Heart Festival

Iron Heart Festival, commonly known as "IHF", is a sports event, hosted in LifeClass Terme Sv. Martin in Croatia, for the fourth year in a row.

The Festival features six disciplines.

Together they combine a perfect ratio between strength, agility, and endurance.

Our athletes compete for the title of The Most Athletic Individuals on the Planet.

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## About the Digital Arena - platform for the athletes

The team behind the project Designed and Developed a Digital Platform that is hosting athletes from all around the world. A platform where athletes can educate themselves, shop, or simply interact with one another, compare performances, and be drafted for the IHF finals.

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YouTube Channel has 7+ million views and 20k+ subscribers.

## Microblink

Web Developer

February 2017 - October 2017 (9 months)

Zagreb

Building internal systems and public-facing apps to support the main operations of the Company.

Technology Stack: Spring Boot framework, JavaScript, HTML5, CSS3.

## Onetius

Developer, Founder and CEO

July 2013 - September 2017 (4 years 3 months)

Rijeka, Croatia

Onetius - Simple and Powerful e-Learning platform for your Friends and Teams

4900+ Teachers and Students.

Learn from others or start your own Courses with your friends or colleagues.  
Create Teams to host closed-down Courses for your Company, Family, or Friends.

Involvement:

- CEO, Founder
- Product Development
- API Development: Laravel 5
- Frontend Development: backbone.js

Features:

- Open - Anyone can start or follow a course.
- Unbounded lessons - text, audio, video, photos...
- Test your knowledge - MicroExams after each lesson.
- Compare your performance with others - PerformanceGraph.
- Community discussions.
- Collaborations - People Nearby.
- Teams - Public, Private Courses.

Human

Web Developer

August 2016 - February 2017 (7 months)

Zagreb, Croatia

Working on Frontend and Backend projects for Brands mainly from the SEE region.

Technology Stack: Angular 2, JavaScript, HTML5, CSS3, Node.js, Symfony.

Andromeda - Society for education, modern ICT technologies and innovations

Founder and President

September 2016 - September 2016 (1 month)

Rijeka, Croatia

Advancement of information science skills and innovative technologies and support of scientific achievements, especially in the fields of education, business, and technology.

We are not Neutral

Founder

June 2014 - June 2014 (1 month)

Rijeka, Croatia

We are not Neutral is a conference series sponsored by the Onetius. It is the first international conference series in Southeast Europe that promotes creativity and freedom of speech.

## Heart Required

Founder

August 2012 - August 2012 (1 month)

Croatia

One of the biggest motivational Channels on YouTube in 2013.

20,006 subscribers • 7,161,820 views (3 videos)

(YouTube Stats, Apr 24, 2016)

## Ekobit

Intern

June 2011 - September 2011 (4 months)

Varazdin, Croatia

C, C++

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## Education

Technical High School, Čakovec

Computer Science