



## Experience

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04/2018 – Present



**Senior Software Engineer,**

**Chief Software Quality Officer (CQO) @ ONE ACT INC**

**TOKYO, JAPAN.** Startup company. Design, development and maintain source code trading marketplace platform (PieceX.com). Development and ownership of backend solutions for source code scanning, analysis, data extraction. Consulting. Documentation. Investor Pitches. Marketing videos. Company/project management tools and data visualization. Design and ownership of tools for analysis of third party user codes bases. Creation software projects for the marketplace. Source code & software quality control processes.

40% remote work before COVID, 100% remote work since.

**C#, JavaScript, Python, Java, HTML, CSS, C++, Ionic, Angular, ASP, Dot NET, NodeJS, Electron JS, Bitcoin, QT, JQuery, Android**

07/2017 – 01/2018



**Software Engineer @ ECX.IO | IBM**

**DÜSSELDORF, GERMANY.** ECX.IO is a web agency part of IBM.

Development and ownership of B2B web products like promotional websites and ecommerce platforms for major companies. Performance optimizations. Web tech. Meetings with clients. UI & UX. Refinement of tech stack. Consulting. Scrum. Seminars. Documentation. Teaching employees. Business travel.

**JavaScript, NodeJS, Ruby, Scrum, WebGL, GULP, Maven, Jenkins, HTML, CSS, JQuery, NightmareJS, Mocha Chai, Selenium**

06/2016 – 04/2017



**C# Engineer @ CADOSYS GMBH**

**LANGENFELD, GERMANY.** Development of propriety inhouse B2B business software. Database programming, bugfixing, developing new features, documentation, usability, algorithms. UI and UX design. 100% remote work.

**C# .NET, WinForms, MSSQL**

06/2015 – 09/2015



**Java Engineer @ MAXYMISER | ORACLE**

**DÜSSELDORF, GERMANY.** Contract position. Java database management, filtering & algorithms of large dataset. User journey and experience reviews, analytics and consultations.

**Java, 3D modeling**

03/2013 – 03/2015



## Innovation Software Engineer @ NET-M | NTT DOCOMO

**DÜSSELDORF, GERMANY.** Innovation aka R&D position. Prototyping. Autonomous development and ownership. Forking of Firefox OS (whitelabel development), various devices and UI/UXs.

Bluetooth LE advertisement coupon system design and development.

**Java, Android, Objective C, JavaScript, HTML, CSS**

12/2008 – 12/2014



## Software & IT Engineer @ UNIV. HOSPITAL OF ESSEN

**ESSEN, GERMANY.** IT Engineer. Hospital research department.

Management of databases for medical, research and student purposes.

Design and ownership of databases, clinic website, content, student- and scientific tools. UI, UX. Mostly remote work starting 2012.

**MySQL, HTML, CSS, PHP, JavaScript, Photoshop**

# Projects & Skills

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Projects and skills are found on my dedicated portfolio website: <https://patriks.net/>

**Languages:** English [native] | Japanese [intermediate] | German [native]

**Soft Skills:** Lead experience, management, teaching, consensus forming.

JavaScript, C#, Java, Android, C++, C, Assembly, Python, Objective C, Solidity, Ruby, PHP, TypeScript, CSS, SQL

Jenkins, AWS, Selenium, GUT, Puppeteer, OpenGL, Unity, ExpressJS, Node, Electron, Angular, React, Ionic, Chai, Dot NET, Qt, Photoshop, Adobe Suite, Blender, Maya, VR, Vue, Svelte, Spring, JSF, Apache Blockchain, Bitcoin, Ethereum, DeFi, Soldity, ERCs, Web3.js, Ethers.js

# Education

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Hochschule Düsseldorf  
University of Applied Sciences

**HSD**

## **Bachelor of Science**

**UNIVERSITY OF APPLIED SCIENCES DÜSSELDORF**

**DÜSSELDORF, GERMANY.** Computer Science / Media Informatics.

Worked in the industry during university.

Extra courses in Cryptography.

Team lead on every project.

Gave seminar on Java systems programming.

Thesis on Virtual Reality.

**HNBK**

## **German Abitur (Technical College)**

**HEINZ-NIXDORF BERUFSKOLLEG ESSEN**

**ESSEN, GERMANY.** IT, Software, Programming and Electronics.

The curriculum included among others: Databases, Operating systems, electronics design, digital logic, assembly programming, High Language programming (C++ and Java) and general classes.

German Abitur and Apprenticeship IT Assistant.

**2001**

**Started programming as a hobby, at age 13.**