



Experience

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. 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

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, Solidity, ERCs, Web3.js, Ethers.js

Education

Hochschule Düsseldorf
University of Applied Sciences



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.



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.