

Hubert Pruszyński

IT Expert, Solution & Software Architect

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About Me

Hi, my name's Hubert and I'm a Senior IT Architect. As well as designing software I also have experience making software and web apps. I have worked on a number of projects gaining teamwork and leadership skills.

I am most skilled in: Java , Microservices and Cloud

Projects



Homebridge Nibe

Personal project

April 2022 - Present

github.com/hp-net/homebridge-nibe

My first **open source** project. I already get a few cups of coffee (\$) from people who liked it.

My homebridge plugin retrieves data from a Nibe heat pump from Nibe Uplink. Homebridge allows you to integrate with smart home devices that do not natively support Apple HomeKit.

Technologies & tools:

- **Typescript**
- GitHub
- Gulp
- Jest
- Homebridge
- Node.js, npm



Osadkowski eCommerce Platform

Osadkowski

May 2021 - Present

Aim of this project was to create online touchpoints for customers.

We have started with exploring customer needs, company goals and limitations. I prepared a series of workshops for technology understanding. Then created **Architectural Drivers** for future architecture and System Discovery Canvases (similar to X-Kom). I also helped with Customer Journey Map and roadmap.

During deeper analysis of first item from roadmap - eCare - my role was to prepare non-functional requirements, logical architecture and help with scoping and functional requirements. The result of this work was gathered in **Service Blueprint**.

Next, as a Team Leader I was responsible for technical setup before regular sprints start.

When agile delivery has started, I was supporting scrum team and at the same time defining eCommerce. Together with Business Architect we have conducted a series of workshops based on **Story Storming**. As a result we provided high level documentation for eCommerce with recommended software, domains with responsibilities and boundaries, architecture diagrams, high level requirements and business processes.

My role in this project was Solution Architect .

Technologies & tools:

- SCRUM
- Jira / Confluence
- Mural
- **Java 17**
- Microsoft Dynamics 365 and Comarch ERP XL integration
- Next.js
- Nest.js
- Spring Cloud
- RedisDB, PostgreSQL, MongoDB, Azure Blob Storage
- **Keycloak**
- **Strapi**
- **Azure Functions**, AKS (Azure Kubernetes Service)
- Azure Cognitive Search
- **Pulumi**
- Argo CD
- Azure DevOps
- Azure Applications Insights
- Azure Service Bus



X-Kom audit

X-Kom

May 2021 - March
2022

www.x-kom.pl

IT **audit** of X-Kom architecture divided into two parts: AS-IS and TO-BE.

In AS-IS started with existing documentation analysis, we read 100+ documents. Next, we have prepared anonymous **questionnaire** with more than 70 questions. We have got more than one hundred answers. Then we have series of **workshops** (20+). And during 30 days we talked about almost every X-Kom system. We also have additional workshops with business, configuration and infrastructure teams. The result of this phase was current architecture in C4 model and a report with **rating** for each system in 4 areas: elasticity, scalability, reliability. We have also created **System Model Canvas** (based on Business Model Canvas) for each system and ratings heatmap.

During To-BE we focused on creating a future vision on architecture landscape. Based on workshops with business, it and security we have prepared:

- technical debt report,
- future architecture vision in C4 model,

- recommendations with roadmap.

I was IT Expert in this project. Team consist of Business Architect, Senior Architect and me.

Technologies & tools:

- **Typescript**
- **ClickUP**
- Confluence
- **C4 Model**, Structurizr
- **Node.js**
- Html, JS, CSS
- Gitlab, Gitlab pipelines
- Qualtrics
- Miro



UPC Selfcare MVP

UPC

July 2019 - January 2021

selfcare.upc.pl

PWA (Progressive Web App) **selfservice** for UPC clients.

Project was beginning of digital transformation in UPC called DNA (Digital And Agile). Together with UX specialists and analysts we started with exploring clients problems and needs. We have created a Customer Journey Map and scope of MVP. After that in **only 10 weeks** (10 one-week sprints) we implemented it and released to production. MVP consists of login functionality, onboarding, payments list and additional payment information, online payments, notifications, customer profile. In the next 4 weeks we added chatbot functionality with custom UI, custom rules and knowledge provided by Stanusch knowledge base.

After success of this project, digital transformation in UPC was extended from our one team to 3 more provided by UPC.

I was IT Architect , Developer and Team Leader in this project.

Technologies & tools:

- Google Anthos, **Kubernetes**, **Docker**
- Kemp Load Balancer
- Spring Cloud
- React.js
- Microservices/Netflix OSS
- Spring Boot Admin
- Swagger
- **RedisDB**, Oracle DB
- RabbitMQ
- Java 11
- Firebase
- SCRUM
- Jira / Confluence
- Gitlab, Gitlab pipelines



Moje Fortum & Honorowy Dawca Energii Fortum

Fortum

November 2017 - July
2019

www.fortum.pl

Selfcare mobile application for heat and energy clients. With backend based on microservices hosted on AWS. Second app was "Honorowy Dawca Energii Fortum". It was a charity application that was integrated with sports applications.

I was IT Architect and Developer for the backend part.

Technologies & tools:

- **Amazon ECS** (Elastic Container Service)
- Spring Boot
- React Native
- Microservices/**Netflix OSS**
- Spring Boot Admin
- Swagger
- **RabbitMQ**
- integration with external services: Strava, Runkeeper, Garmin, Firebase, OpenWeatherMaps, Airly
- SCRUM
- Jira / Confluence
- Gitlab, Gitlab pipelines



Parntershop

Deutsche Telekom

September 2015 -
September 2016

B2B eCommerce portal. It was a **retail store** for big B2B German companies. We were selling phones and accessories. Project was done in cooperation with other DTAG teams from Europe.

At the beginning I was Solution Architect responsible for analysis and design of the product. Later during implementation my role was Team Leader. I was responsible for developers and product implementation, delivery, performance, release.

Technologies & tools:

- Oracle ATG
- **Oracle Endeca**
- SAP
- Jira / Confluence



Multi Access Portal

Orange

April 2008 - August
2013

orange.pl

eCommerce for **telco** offering, personalized proposition for existing customers, eCare and portal. A lot of complex imports and integrations, huge product catalog with many relationships and very, very complex business rules.

I was Java/ATG Developer in this project. But I was also responsible for HLD and LLD (High/Low Level Design), pricing, bug fixing, optimization, automation, production support, contact with the client.

Technologies & tools:

- **Oracle ATG**

- Java
- DynaXML CMS
- HTML, CSS, JS, jQuery, prototype.js
- Ant
- Hudson
- MemCached, Couchbase
- JBoss
- svn, svnmerge.py
- **JRebel**
- Web Services
- Oracle DB

Work Experience



Hycom

IT Architect - Senior
IT Architect

September 2015 -
Present

hycom.digital

After some time of being an expert, I decided to go back to my root and work as a team member. Other thing that I wanted to change was to move from “big products” to something smaller and **open source**. That when I have meet and learned **microservices** and **cloud**.

80% of my time I have spent on projects for Deutsche Telekom, Fortum, UPC, X-Kom and lately Osadkowski.

Rest of my time I have dedicated for **knowledge sharing** and **learning**.

I have been very active on company level. I have become **leader of Cloud circle**. My biggest achievements were creating course for employees about microservices and cloud. Convincing, organizing budget and helping with cloud certification on AWS and GCP. I initiated architects meetings. Make some presentations about microservices and projects that I was involved in. I have also been one of the person that created Hycom’s Unified Delivery Methodology. That was a guideline with standards about project realization from design to delivery.

I have been involved in few projects with **Technical University of Lodz**. First one “Implementacje Przemysłowe” was a regular subject from university (Faculty of Technical Physics, Information Technology and Applied Mathematics) in cooperation with Hycom. I have been part of it a couple of times. Together with students we were making small projects like Facebook chatbot or Confluence plugin. Other initiative where together with students council (Faculty of Electrical, Electronic, Computer and Control Engineering) we have prepared an on site programming course. The topic of the course was: “Hy!Class: Tworzenie mikroserwisów z wykorzystaniem Spring Cloud oraz Netflix OSS”.

Together with my colleague had a presentation on “**Akademickie Targi Pracy**”. We have talked about TDD and the topic of our presentation was: “Developer nie SAPER, myli się nie raz”.

Next there was workshop for “**Młodzi w Łodzi**” with topic “Hy!Class: Zwinne wytwarzanie oprogramowania”. It was an interactive workshop where I was teaching students about agile and scrum. During the workshop we have played a lot of games like Agile Values Puzzle Game, Marshmallow challenge, Airplanes production.

My last public presentation was on **JUG** (Java User Group) in Toruń where together with my colleague we were talking about it architect role. Topic of presentation was “Hy!Class: Co robi architekt?”.

Last but not least, I have also been a guardian for a few people. I was responsible for their personal development and career path.



Deutsche Telekom

IT Expert - outsourcing
from AMG.net

August 2013 - August
2015

www.telekom.com

The next change in my career was to move from development to consultant/expert role.

At the first 6 months I was working full time in Germany/Bonn at Deutsche Telekom headquarter. Later I was working partially in Germany/Bonn, partially in Poland/Łódź.

I was working with people from all over the world. Mostly I was involved in creating design guidelines for T-Mobile online stores in Europe based on Oracle ATG. I was also participating in meetings and presentations, researching and documenting application integrations, comparing products and technologies: ATG vs Hybris, Portlets vs. Servlets, etc. In general, I was Oracle **ATG and integration expert** cooperating with many Deutsche Telekom teams and departments.

During this time I was working with Oracle ATG, Sitebuilder from Spindrift, Oracle Knowledge, CoreMedia, Siebel products.

I was involved in projects:

- eCompany - ATG - Siebel integration POC
- eGarage - digital transformation project
- T-mobile PL (t-mobile.pl) - polish telco store
- T-mobile NatCo's in Europe - national companies initiatives



AMG.net, Bull, Atos

Trainee - IT Architect

April 2008 - August
2013

I started my real IT developer journey as a trainee in AMG.net. I was one of the **best students** and during the first phase of training I understand what this coding is all about. The second phase of training was work on a real project, in my case it was Orange portal.

After training, I've stayed in AMG.net. Very fast, I was assigned to “Functional Expansions” as projects **technical team leader**. Team was small from 2 to 5 people. It was rather small, recurring projects with

changes too small to put them in big release. Usually, development took less than a couple of days. Together with my colleague, we have managed to make this project as a role model for others. We managed to **make it profitable, good documented and well communicated**.

During that time I was responsible for almost whole delivery process. From design, develop to delivery preparation. My role was to prepare pricing for the change, document, implement, test, merge it and prepare deployment instructions. I was also responsible for maintaining development environment.

After a few years I've decided to move to something bigger.

I've stayed in Orange, but moved to big releases. I was involved in **eCommerce** part. Most of my responsibilities were the same but on a much bigger scale. During that years I was also responsible for **code refactoring, performance optimization, source code quality, third-party audits analysis, big commerce architecture modifications**. From time to time I've also helped in other regions of Orange, e.g: nju mobile eShop.

Apart from Orange, I was also very active on company level. I was participating in **offering processes, employee and students trainings**. I was also involved in **internal projects**. I have created and administrated plugins for Confluence and Crucible from Atlassian stack.

Certifications

- **AWS Certified Cloud Practitioner** Issued Oct 2020 · Expires Oct 2023
- **Train the TrainerTrain the Trainer - Sages** Issued Oct 2018 · No Expiration Date
- **Oracle Certified Associate, Java SE 7 Programmer (1Z0-803)** Issued Nov 2013 · No Expiration
- **Oracle ATG Web Commerce 10 Implementation Developer Essentials (1Z0-510)** Issued Jul 2012 · No Expiration
- **ITA101 - Databases (Microsoft IT Academy Programme)** Issued Jan 2012 · No Expiration
- **Oracle ATG Web Commerce 10 PreSales Specialist Assessment** Issued Jan 2012 · No Expiration
- **Oracle ATG Web Commerce 10 Sales Specialist Assessment** Issued Jan 2012 · No Expiration

Education

- 2005 - 2013 **Lodz University of TechnologyLodz University of Technology**
Engineer's degree, Software Engineering and Data AnalysisEngineer's degree, Software Engineering and Data Analysis
Activities and societies: Member and first president of "Koffeine" scientific club.

Languages

- **English** - professional working proficiency
- **Polish** - native proficiency

A Little More About Me

Alongside my interests in software engineering, some of my other interests and hobbies are:

- My husky dog training
- Trekking and hiking
- DIY

Hubert Pruszyński - hubert@hp.net.pl - Full resume is available at <https://resume.hp.net.pl>