

Work Experience

GMO Research, Inc.

System Division Leader



Work Period Location Sector Industry
February 2020 – Present Tokyo, Japan Communications Media / Internet Media & Services

About Company

GMO Research offers an online research solution platform that allows access to our multi-panel and multi-country online panel network - Asia Cloud Panel. While we are constantly expanding our reach in Asia and globally, Asia Cloud Panel consists of over 36 million online consumer panelists across 15 APAC countries/markets, ranging from consumers to CEOs.

GMO Research is a part of and backed by GMO Internet Group - one of the largest Internet Conglomerates in Japan specializing in a number of Internet-related technologies.

About work experience

My role at GMO Research is to lead the modernization of the existing projects, which are using outdated technologies and infrastructure and reform and teach the new way to develop and utilize new technologies.

Leading a new trend in the company, helping to refactor/rewrite/migrate existing projects to new frameworks and programming languages. Working with DevOps team to teach and introduce the usage of cloud providers like AWS and GCP. Creating tools and templates for new projects to help with local development, continuous integration, continuous deployments, and infrastructure. Improving workflow of developing projects.

Hosting a PHP workshop to teach company PHP developers of the newest frameworks, language new features, and techniques to develop efficient and modern code.

Responsibilities

- Take up the responsibility of the entire Project
- Carefully analyse the project and rectify the errors found in the process
- Undergoing the process of analysis in order to fulfil the requirement of system wide.
- Developing the detailed design structure after understanding the requirements and the design
- Create and participate in software planning and estimating, status monitoring and reporting
- Devise new approaches, apply existing criteria in new ways and draw conclusions from comparative situations
- Software design, prototyping and investigating
- Software coding and unit testing
- Systems integration and testing
- Software documentation
- Troubleshoot for program errors in existing systems
- · Make recommendations on the assessment of tools and software products
- Manage and support other software engineering staff
- Participate in mandated engineering reviews
- Participate in the pursuit of new business by identifying opportunities and contributing to tender preparation
- Participate in continuous improvement initiatives

Used Technologies								
PHP8	PHP7	PH	HP5	Java	Golang	9 8	Symfony	
CakePHP	AV	VS	GCP	Kube	ernetes	Dock	ker	Terraform
Mutagen	MyS	SQL	Redis	Ra	bbitMQ	Influ	uxDB	
Elasticsearch		ELK	Grafana		Github	Jenkins		Redmine
Jira								

Sony Music Entertainment UK Ltd (NOW That's What I Call Music)

Senior Software Engineer



Work Period Sector Location Industry

April 2019 - February 2020 London, United Kingdom Communications Media / Entertainment Content

About Company

Sony Music Entertainment UK Ltd. provides broadcasting and entertainment services. The Company offers music recording, record marketing, artist marketing, and promotion services. Sony Music Entertainment markets its products worldwide.

NOW That's What I Call Music is the biggest selling compilation brand in the world.

About work experience

My role at Sony Music Entertainment (NOW That's What I Call Music brand) was to develop API for their mobile music streaming service with hundreds of thousands of subscribers in the United Kingdom market.

I worked with the team to develop new features and improve previous ones to handle the more significant load on servers and reduce the cloud provider service fees by changing used technologies and the way it is utilized.

I have created internal tools to help work with the music library and analytics on mobile apps usage to provide better insight for the team.

Responsibilities **Used Technologies**

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Flasticsearch

MySQL PHP7 Symfony Laravel

Docker

AWS

Gitl ah

Kubernetes

LendInvest Ltd

Backend Software Engineer



Work Period Location Sector Industry

April 2018 - April 2019 London, United Kingdom Financials Financial Services / Specialty Finance

About Company

LendInvest is a non-bank mortgage lender in the UK and is a property lending and investing platform. As an alternative Fintech lender in the property market, LendInvest provides fast finance to property professionals and small and medium-sized businesses around the UK.

LendInvest is the UK's leading platform for property finance. Since starting in 2008, It had lent more than £3 billion of mortgages and has helped put thousands of new or improved homes into the UK housing market.

About work experience

My work at LendInvest was to develop an integration between internal loan book application and Oracle NetSuite application to create and manage transactional documents and transfers

The service I created is handling thousands of transactional messages from 3rd party service provider into loan book application and creating required documents and records inside NetSuite using integration module I developed for Oracle Netsuite using SuiteScript.

Responsibilities

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Used Technologies

PHP7

Javascript NodeJS

Docker

PostgreSQL Jenkins

Kubernetes

MySQL

Oracle NetSuite

Symfony4

SuiteScript

AWS

Cortexica Vision Systems Ltd.

Senior PHP Software Engineer



 Work Period
 Location
 Sector
 Industry

 July 2017 – March 2018
 London, United Kingdom
 Technology
 Software / Tech Services

About Company

Cortexica is a London based, global service provider of practical Al solutions for businesses. Providing clarity and insight from within the noise around Al, Cortexica delivers world-leading Computer Vision image recognition and search technologies supported by industry specific consultancy.

Working with clients across a range of verticals including retail, media, manufacturing and pharmaceuticals, Cortexica's technology is robust and flexible and can be integrated to any requirements on any system or platform, including on device. The ability to partner with clients to create Al solutions for their specific needs, from innovation to delivery, ensures maximum benefit and return on investment. Cortexica was developed from the Bioengineering Department of Imperial College London, and originated from a pioneering research to reverse-engineer the human visual cortex.

About work experience

My work at Cortexica was to create a client-facing service API to interact with back-end AI technologies developed by the company to help easier integration with them.

I have also created internal tools to visualize client data, usage information, and other information to help our sales team work with its clients using the latest frontend technologies like React & Redux.

Responsibilities

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Used Technologies
PHP7 Javascript React Redux MySQL MongoDB
Symfony4 Docker AWS RabbitMQ Elasticsearch
Redis

July 2017 - Moved to London, United Kingdom

Trivago NV

Senior Software Engineer



Work Period Sector Location Industry

November 2016 - July 2017 Düsseldorf, Germany Communications Internet Media / Services

About Company

Trivago N.V., marketed with lowercase styling as trivago, is a Dutch-domiciled transnational technology company specializing in internet-related services and products in the hotel, lodging and metasearch fields.

trivago is a hotel search with an extensive price comparison. The prices shown come from numerous hotels and booking websites. This means that while users decide on trivago which hotel best suits their needs.

About work experience

My work at Trivago consisted of working on two different projects. The first project was to help optimize and improve the search field's auto-suggestion feature by improving API service and optimizing the Apache Solr-based engine to reduce the time and resources required by it.

The second project was to help create synchronization of MySQL database clusters across data centers worldwide by developing a Java-based MySQL slave server technology. It uses Kafka connect technology and ProtoBuf to sync the incremental changes instead of sending whole datasets, which improved performance and reduces the data burden of great distances between data centers across the globe.

Responsibilities

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Used Technologies

PHP Java Javascript React MySQL Hadoop Kafka Solr SaltStack Docker Vagrant

Freshcells System Engineering GmbH

Senior Software Engineer

Fresh**cells** digital brand engineering

Work Period Location Sector Industry

July 2015 - November 2016 Düsseldorf, Germany Internet Media / Services Communications

About Company

freshcells systems engineering GmbH is a software and consulting company from Düsseldorf. We design, develop and maintain professional and complex software solutions.

About work experience

My work at Freshcells mainly consisted of developing ETL-based technology to aggregate and calculate data mainly for the biggest European travel operators to provide up-to-date information on availability and pricing. Improving existing data flow performance and reducing the cost of running.

Responsibilities

· Create and participate in software planning and estimating, status monitoring and reporting

• Devise new approaches, apply existing criteria in new ways and draw conclusions from comparative situations

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Used Technologies PHP Elixir Rubv Java Javascript React Redux Hadoop Kafka Cassandra



Work Period Location Sector Industry

February 2015 - July 2015 Vilnius, Lithuania Communications Internet Media / Services

About Company

MailerLite is an email marketing software designed to help people of all skill levels easily create personalized marketing campaigns to stay connected with their audience.

Build great relationships and connect with your audience on a human level using features like a drag & drop editor, landing page builder, rich-text editor, automationtools, pop-ups, surveys, templates, e-commerce tools, campaign reports, A/B testing, segmentation, abandoned carts, and more. They also offer integrations with the most popular software tools including WordPress, Zapier, Shopify, PayPal and WooCommerce.

Additionally, MailerLite provides educational content like monthly webinars, product tutorials and extensive email marketing guides to ensure that their users succeed. They are known for their 24/7 exceptional customer support and for being a remote-first company. They also offer a Forever Free plan and paid plans with advanced features.

About work experience

My work at MailerLite consisted of two projects. The first one was to research and develop a better way to provide analytics for our clients which required investigating big data technologies and developing service which could withstand hundreds of billions rows of data and aggregation service to provide up to date statistics to our clients

The second project was to develop a web-based tool to design a graphical landing page for clients to use with their email campaigns using the AngularJS framework.

Responsibilities

- · Manipulating, cleansing & processing data using big data tools.
- · Responsible for loading, extracting and validation of statistical data.
- Analysing raw data, drawing conclusions & developing recommendations transformation scripts to manipulate data for data loads and extracts.
- Developing data analytical databases from complex analytical source data.
- · Performing daily system checks.
- Data entry, data auditing, creating data reports & monitoring all data for accuracy.
- Designing, developing and implementing new functionality.
- · Monitoring the automated loading processes.
- · Advising on the suitability of methodologies and suggesting improvements.
- Carrying out specified data processing and statistical techniques.
- Supplying qualitative and quantitative data to colleagues & clients.
- · Software design, prototyping and investigating
- · Software coding and unit testing
- · Systems integration and testing

Used Technologies

PHP Ruby Java Javascript AngularJS MySQL
Hadoop Cassandra Redis nginx

February 2015 - Moved to Vilnius, Lithuania

NFQ

Software Engineer



Work Period Location Sector Industry

December 20212 - February 2015 Kaunas, Lithuania Communications Internet Media / Services

About Company

Founded in 2002, NFQ is an international digital innovation company. It builds large-scale web development, business digitalization, BI and data science projects, and provides UX, UI, and CRO services, for travel, retail, transport-and-logistics, and sharing-economy businesses across the globe. NFQ supports clients across their full business cycle with comprehensive solutions – like the world leading metasearch engines it has built for Kayak and HomeToGo. Business transformation and data-driven decisions for the digital age are enabled with in-house developed products: like Stovendo, which gives retail customers a seamless online and instore experience, or Sensus Aero – the state-of-the-art airport ground service management system now implemented at more than 15 airports, serving Turkish Airlines, Wizz Air, Aeroflot, and many more.

The NFQ team of over 400 top-tier developers and data scientists in Lithuania, Germany, Vietnam, and Singapore is pushing the boundaries of possible beyond expectations.

About work experience

My work at NFQ consisted of mainly working on many PHP-based web projects, mainly in the e-commerce sector, creating custom modules and solutions for our clients.

I also participated in local developer groups and activities to help fellow developers in the company.

Responsibilities

• Create and participate in software planning and estimating, status monitoring and reporting

Software design, prototyping

- Software coding and unit testing
- Troubleshoot for program errors in existing systems

Used Technologies

PHP Symfony Python Ruby Javascript MySQL

RabbitMQ Elasticsearch ELK Redis nginx

Apartment Hunterz

Software Engineer



Work Period Sector Location Industry

June 20212 - December 20212 Kaunas, Lithuania Communications Internet Media / Services

About Company

Apartment Hunters focuses on representing independent property owners and managers of apartments, houses, duplexes, townhouses and condos. We represent 6-12 unit independently owned and managed smaller apartment buildings as well as over 300 management companies who each manage 10-75 various communities throughout Los Angeles County, Orange County, San Diego area & San Francisco Bay Area.

About work experience

My work at ApartmentHunterz mainly consisted of developing data mining modules to gather data for our apartment metasearch system.

Used Technologies

- Create and participate in software planning and estimating, status monitoring PHP and reporting
- Software design, prototyping
- Software coding and unit testing
- Troubleshoot for program errors in existing systems

Javascript

MySQL

IREC Baltic

IT Specialist | IT Consultant



Work Period Sector Location Industry October 2009 - July 20212 Kaunas, Lithuania Construction Real Estate

About Company

IREC Baltic is a real estate development company engaged in a full range of services - from analysis, planning, and construction to exploitation. A thorough assessment of needs and situation, an appropriate selection of a plot or an already existing object and its accommodation for the intended use allow us to solve even the hardest tasks of planning and construction.

A professional team and trustworthy partners make for a fluent and optimal process of project implementation while our innovative thinking and creativeness turn every project into a unique object that at the same time is completely compliant with the requirements. The entirety of these processes enables IREC Baltic to implement even the most ambitious projects impeccably and raise the bar of both quality and quantity to new heights each time.

About work experience

My work at IREC Baltic mainly was to help the company with IT technologies while also developing some internal tools to improve their workflows.

Responsibilities

- Maintain company computers
- Consult with IT questions
- Develop company internal tools
- Develop company website

Used Technologies

PHP Javascript MySQL

Project History

Symfony

Contributions



Project Period

2016 - Present

Contributing new code and bug-fixes to well know PHP web framework Symfony.

Used Technologies

PHP

Thruster PHP Framework

Contributions



Project Period

2016 - Present

About Project

Researching and developing asynchronous PHP application framework for high-performance and high-availability systems.

Used Technologies

PHP

PHP Funct

Contributions



Project Period

2016 - Present

About Project

Researching and developing an PHP library with commonly used code blocks for faster development.

Used Technologies

PHP

Entry access control and tracking system

Freelance

Project Period

Location

2015

Lithuania

About Project

Research and develop and integrated system for entry (door, gate, escalator, elevator, and etc) control and tracking.

Responsibilities

Used Technologies

• Designed electronics modules based on ARM Cortex M0 and ARM926 to interact with existing hardware.

C C++ Embedded MCU

PHP NodeJS Javascript

• Designed software for electronics module and central operating server using

C++, NodeJS, PHP, Ruby, MySQL and Linux

Ruby MySQL

Geolocation tracking and analysing for transport

Freelance

Project Period

Location

2015 Lithuania

About Project

Research and develop and integrated system for cargo expedition company to track and analyse transport vehicles.

Responsibilities

 Designed electronics module based on ARM Cortex-A8 to communicate with vehicle on board computer via CAN bus, track location using GPS and communicate with main server via Cellular Data Modem.

 Designed software for electronic module and main server to display current status, analyse data and track company vehicles using C++, PHP, NodeJS, RethinkDB, HTML5, ReactJS, **Used Technologies**

C C++ Embedded MCU

ARM Cortex M0

ARM926

GPS CAN PHP NodeJS

Javascript

Ruby MySQL

RethinkDB

Project Period

2014

About Project

Developed small art installation based on early access TI 6LoWPAN Sub-1Ghz modules and Edge router to create wireless light installation for a friend artist using C++ and Processing.

Used Technologies

C C++ 6LoWPAN Sub-1Ghz Embedded MCU

ARM926 NodeJS

Areas of Expertise



C C++ C# Crystal Delphi Elixir Golang Javascript Java NodeJS PHP Ruby Rust Typescript

Embedded Software Engineering

ASM C C++ Crystal FreeRTOS Rust

Web Application Development

CakePHP Express Laravel Ruby on Rails Spring Boot Symfony

Frontend Software Engineering

AngularJS Babel Bootstrap CSS ES6 ES7 HTML5 Javascript JSX React Redux Tailwindcss Typescript

WebPack

Mobile Software Engineering

Cordova React Native

Big Data Engineering

Cassandra Elasticsearch Hadoop Hive Kafka Presto RabbitMQ Spark

Database Engineering

Algolia CouchBase Elasticsearch InfluxDB Lucene MySQL MemSQL MariaDB Memcache MongoDB PostgreSQL

Redis RethinkDB Solr

Version Control

CVS Git BitBucket Github GitLab Mercurial SVN

Virtualization & Containerization

Docker Vagrant VirtualBox VMware ESXi VMware Fusion VMware Workstation

DevOps

Kubernetes Ansible Chef Puppet Terraform SaltStack Jenkins Travis Github Actions

Monitoring Tools

New Relic Sentry

Cloud Platforms

AWS GCP DigitalOcean

Task Management

Jira Redmine Github

Software Architecture

SDLC SLA SLO SOA SPA UML

Team Lead / Project Lead

Agile Code Review Communication Conflict Resolution Delegating Extreme Programming Giving & Receiving Feedback Kanban

Lean Pair Programming Organization Problem Solving Scrum Team Tracking Technical Decision Making

Technical Documentation

Digital Electronics

Atmel AVR 8-Bit ARM Cortex L0 ARM Cortex L4 ARM Cortex M0 ARM Cortex M1 ARM Cortex M3 ARM Cortex M4 STM32 series ARM Cortex M7 ARM Cortex A5 ARM Cortex A8 Arduino BeagleBone RaspberryPi Atmel SAM series CAN

RS-485 Ethernet Wiegand 6LoWPAN Sub-1Ghz WiFi

Analog Electronics

Power Converters Amplifiers

Schematic & PCB Design

Altium CircuitDesign Eagle KiCAD

CAD Software

Autodesk Inventor OpenSCAD LibreCAD

Design Software

Adobe Photoshop Adobe Illustrator Sketch

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