Vojtěch Zicha
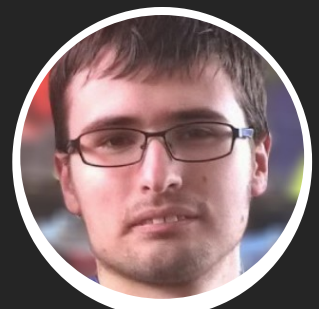
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PROFILE

Solution Architect and full-stack developer with leadership experience. Helping customers find their way to the best solution and deliver amazing experience and software.

Working as a freelancer, I'm currently participate on projects from automotive sector, internet-of-things and cloud architecture. The deliveries range from a new datacenter automation to mobile application platform for Czech's largest automotive producer.

In my career, I've delivered several projects related to sales, integration, collections and business user experience. To the challenges of budget and incomplete requirements, I bring a focus on the user, while delivering great value in small packages and down-to-earth approach for quick wins.

WORK EXPERIENCE

Solutions Architect for Automotive and IoT
01/2020 – present
eMan s.r.o., Prague, Czech Republic

Working as the Solutions architect for mobile application development company, I am responsible for:
- Producing the presale documentation, working with clients on definition of new projects, preparing the initial model of architecture and setup for development
- Working as a member of Scrum team, preparing the deliverables and collaborating with customer to define the acceptance criteria and roadmap for next sprints
- Design of the API and Integration between systems, working on system specifications for customers
- Responsible for DevOps setup on corporate projects, preparing the cloud setup, development guidelines and initial backend setup for mobile applications

The projects delivered or worked upon include:

WORK EXPERIENCE

- Mobile Platform for Czech's largest automotive producer - the design of architecture for a new version of mobile application platform, integration of Clean architecture principles for mobile application and Microservices in Cloud for backend, approval and deployment of new design patterns across several application teams
- Minialarm architecture - the architecture for Minialarm (minialarm.com) platform, the consolidation of documentation and growth opportunity designs

05/2019 – present
Freelance Solution and Cloud Architect, Prague, Czech Republic

As a freelance solution architect, I offer following services to several clients on project / part-time basis:
- Mentoring of customer engineers, training of clients and internal staff.
- Ensuring the deployment of high quality deliverables to the client environment.
- Providing technical architecture expertise and solution design guidance.

Web & Digital Platform Architect
12/2017 – 12/2018
W.A.G. payment solutions, a.s., Prague, Czech Republic

As a Solutions Architect on the Digital Delivery team, I am responsible for leading the transition of an existing business towards newly enabled digital opportunities:
- Architecture a greenfield web platform for digital projects based on a Node.js serverless backend and React SPA frontend.
- Oversee the creation of a business case and the successful delivery of all advantages that come with a digital platform.
- Integrate new digital projects into already existing backends.
- Work with multiple vendor and internal delivery teams to collaborate on individual deliveries with a single goal in mind.

WORK EXPERIENCE

As a part of the IT Architecture team, I contributed to the transformation of current on-premise services to cloud, design of the infrastructure and networking, selection of platform-as-a-service options, and integration with existing software-as-a-service solutions.

Projects I delivered or contributed to include:
- Redesign of the pricing presentation for the fuel acceptance network for drivers.
- Client F/X — support for multi-currency invoices for end users.
- Enterprise Single Sign-On — unification of user identities across the company's portals and applications.

Solution Architect Team Lead   04/2017 – 11/2017
Provident Financial s.r.o., Prague, Czech Republic

Working as the Czech market team leader on the Solution Architecture & Development team, I was responsible for a team of 3 solution architects and 4 developers (ranging from internal employees to contractors) in the following areas:
- Managing the Czech Provident application architecture, integration principles and the common architecture repository.
- Delivering solution concepts, estimations and integration architecture for group-wide and local projects and programs (see below).
- Leading an in-house development team using the Kanban methodology, providing coaching to new team members and setting the development standards.

The projects delivered or worked upon include:
- Strategic Digital Platform — introducing a new product concept for home credit, my team and I was responsible for the integration architecture, financial reporting, call-centre systems integration and bringing the legacy and digital systems to the same level of features.
- Agent Technology & Mobility — bringing a market solution to new markets, providing a common integration platform for mobile applications, developing a hybrid Android/iOS application for the sales team.

Solution Architect   04/2016 – 03/2017
Provident Financial s.r.o., Prague, Czech Republic

Working as a Solution Architect on Provident's Czech and Slovak IT Development team, I was

WORK EXPERIENCE

responsible for delivering enterprise and application architecture as well as providing analytical and development delivery for selected projects. My responsibilities included:
- Creating and updating a centralized architectural repository for the Czech and Slovak markets, including enterprise and application architecture in Sparx EA.
- Creating a solution design for desired projects and programs, including detailed integration design, estimations and participating in vendor selection.
- Analyzing business requirements to provide a functional specification.
- Leading development teams on given projects and developing desired functionalities.
- Working with vendors on specifying and accepting deliveries.

The delivered projects included:
- Agent Cockpit application — a hybrid iOS/Android application for the sales force; the application was developed and deployed to all sales staff.
- New Product proposition — a complex project to introduce a new product to Provident "Modrá půjčka / Zelená půjčka, used by Provident till today. The delivery included a new architecture for handling bank transfer loans (spanning bank systems and CRM integration), tax and accounting integration, and new sales tools, such as as SPA applications.
- Organization Design project — a reorganization project introducing new sales tools and changes to the CRM design.
- Lead Management — introduction of an ESB to the application architecture and new backend integration systems.

The projects involved collaboration with several of Provident's vendors on architecture and development.

IT Systems Development Specialist   07/2014 – 03/2016
Provident Financial s.r.o., Prague, Czech Republic

Developing server-side solutions (.NET & WCF, MS SQL, SSIS) for internal projects, developing a client-side solution (ASP.NET, jQuery & REST, ReactJS) for employees and agents; producing functional specifications and detail designs

WORK EXPERIENCE

(ArchiMate, Enterprise Architect) of new software; processing change management to legacy applications; providing L3 support for new and legacy products.

Succesfully deployed solutions include:

- IT backing of the project "Prepaid Cards in Provident Slovakia", including an automatic bookkeeping and reconciliation system, integration platform between the card vendor, call center and accounting, client statement distribution.
- Implementation of a new "collection of claims" system, including integration platform between two vendors based on NoSQL and REST, migration and production L3 support.
- Synchronization of identity management systems between HR and IT.
- Android app (Cordova, Ionic Framework & AngularJS) for Provident's agent supporting existing business processes.
- Datamart layer (MS SQL, SSIS) of DWH from Provident's primary IS.

My responsibilities also included working with vendors — local (Czech & Slovak) as well as offshore (Indian) companies — throughout the entire process of designing an outsourced solution, working with teams on detail design and final acceptance of the delivered solution into testing.

EDUCATION

Computational Mathematics at the Faculty of CS   09/2011 – 06/2014

VŠB — Technical University of Ostrava, Ostrava, Czech Republic

Business Economics at Economics faculty   09/2012 – 06/2015

VŠB — Technical University of Ostrava, Ostrava, Czech Republic

SKILLS

Languages

Czech/Slovak	Native
English	Full
French	Elementary

SKILLS

Programming Languages

JavaScript (ES2017)	●●●●●●●●●●
C#/.NET	●●●●●●●●●●
MS T-SQL	●●●●●●●●○○
Python	●●●●●●○○○○
Swift/iOS	●●●●●○○○○○
Java/Android	●●●●●○○○○○

CERTIFICATIONS

ArchiMate 3.0 L1 Foundation   08/2017

OpenGroup

http://bit.ly/vojtech-archimate3-l1

Machine Learning   12/2016

Stanford University on Coursera

http://bit.ly/vojtech-coursera

BizTalk Server 2010 - Development of Business Processes and Integration Solutions   04/2016

GOPAS a.s.

GOC307-20160100049

PUBLIC ACTIVITIES

Mentor   04/2019 – 04/2018

Smart Mobility Hackaton Prague, Prague, Czech Republic

Preparation of Eurowag PRIZE Challenge (later awarded to RedCute).

Mentoring participants of Hackaton over the duration.

SOCIAL MEDIA

in Vojtěch Zicha   f Vojtěch Zicha   🐦 @vojtechzicha

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