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EDUCATION

2021 - 2022

Master of Engineering

Wyższa Szkoła Bankowa in Poznan

faculty: computer science

specialization: Internet of Things and Future Networks (IoT)

2017 - 2021

Bachelor of Engineering

Wyższa Szkoła Bankowa in Poznan

faculty: computer science

specialization: E-commerce

2013 - 2017

IT Technican

Zespół Szkół Politechnicznych im. Bohaterów Monte Cassino in Września

faculty: computer science

LANGUAGES

English Intermediate (B2)

Polish Native language

CERTIFICATIONS

2021 Angular in Space – Angular Full
(CredentialID: 738)

2017 IT Technican
(CredentialID: D/60054388/17)

EXPERIENCE

April 2020 - present

Tech leader / Full Stack Developer

Kalasoftware sp. z o.o

Responsibilities

Code Development - A decisive role in the code development process, with an emphasis on comprehensive Full Stack Development.

Team Management - Leading and coordinating the programming team to optimize team results.

Business Logic Design - Created business logic ensuring unique and innovative solutions for projects.

Solution Architecture Design - Responsible for designing a comprehensive solution architecture, from the database through APIs to the frontend layer.

Technical Project Analysis - Conducted precise technical analysis of projects, identifying challenges, and proposing effective solutions.

Pre-Implementation Analysis - Conducted thorough pre-implementation analysis, assessing technical and functional aspects of projects before implementation.

Project Maintenance - Ensured stability and effective maintenance of projects in the long term.

Onboarding of Programmers - Developed an efficient onboarding process for new team members.

Programmer Mentoring - Provided support and mentorship to programmers to foster their professional development.

Workflow Improvement - Implemented internal tools, automation, and scripts for continuous process improvement.

Participation in Client Teleconferences - Briefings, planning, and technical consultations

Management

Workflow Enhancement - Actively engaged in continuously improving team workflow processes.

Tech Leader Role - Including Code Reviews, daily team reporting, reporting to superiors, and project oversight.

Recent projects

AI Chat - Actively contributed to projects based on artificial intelligence, server-client communication (SSE), Python programming with FastAPI framework, and MongoDB database management.

Erasmus Without Network (EWP) - Designed and created a solution based on a distributed API network, incorporating advanced encryption technologies and XSL transformations.

Own Workflow Management System - Developed a modern workflow management system tailored to the unique needs of the client, open to integration with external systems.

Higher Education Management System (Continuous Development, ERP Class Product) - Engaged in the continuous development of an ERP-class product aimed at managing higher education institutions. Responsibilities include code development, system enhancement, and ensuring alignment with evolving educational needs.

Tooling

Development of Devtools for Programmers - Designed and implemented developer tools to support programmers in efficient software creation, testing, and debugging.

Rewriting Bash Scripts to Google's zx - Successfully rewrote Bash scripts using Google's zx tool, improving the readability and reusability of system scripts.

Deployment of Graylog - Configured and deployed the Graylog platform, enabling centralized management of system logs, contributing to quick diagnosis and problem resolution.

Noteworthy Integrations and Migrations

Integrations

e-Doręczenia - Integrated government the e-Doręczenia system, enabling efficient management of electronic document flows.

Przelewy24 - Implemented online payments through Przelewy24, contributing to streamlining financial processes.

Moodle - Integration with the Moodle educational platform, allowing smooth management of educational content.

Mautic - Integration with the Mautic system, supporting marketing strategy through marketing automation.

JSA - Connected the system with the Unified Anti-Plagiarism System (JSA).

Jasper Reports - Implemented advanced reporting using Jasper Reports, enabling the generation of detailed business reports.

SSO - Configured Single Sign-On (SSO) using the Central Authentication Service (CAS), integrated with Active Directory (AD) through LDAP protocol, ensuring secure single sign-on.

2FA - Google Authenticator - Implemented two-factor authentication (2FA) using Google Authenticator, enhancing access security.

Migrations

Transition from Legacy Angular Material Components to MDC - Successfully transitioned from legacy Angular Material components to modern Material Design Components (MDC), improving the visual and functional structure of the user interface.

Transformation of Angular Module-Based Project to Component-Based Project - Complex transformation of a project, moving from a module-based Angular structure to a project based on standalone components, increasing modularity and ease of maintenance (over 4000 modules).

Migration from SVN to Git - Successfully migrated the version control system from SVN to Git (over 30 years old code base).

June 2017 – April 2020

IT specialist
DIMNET Monika Mikołajczak

- implementation of server infrastructure (Installation, configuration, Active Directory, GPO)
- implementation of terminal clients environment (Windows MultiPoint Server based on Windows Server 2016/2012)
- assembling and configuring computer networks, computer labs and multimedia products
- conducting training in the use of terminal clients environment and multimedia products
- promoting IT and multimedia products for enterprises and education clients
- servicing servers, computers, laptops, network devices, printers and multimedia products
- product sales and customer service

TECHNOLOGIES

Frontend	Angular 16, Vue 2.x/3, React, Next.js, Typescript, JavaScript
Backend	Laravel 10, Node.js, FastAPI, NestJS, PHP 8.1
Database	Multitenancy, Internationalization, Postgress SQL, MongoDB, Progress OpenEdge ABL
Tests	Jest, Cypress
UI/UX	Angular Material, Bootstrap 5, Blade, Jinja2
Cache	Memcached
Version control	GIT (Gitlab, Github), SVN
Design	Figma, Adobe Photoshop, Adobe Illustrator
Scripts	Bash, zx, Node.js
Log system	Graylog
Legacy	JQuery, Zend, Smarty, Open Edge ABL/4GL

INTERESTS

Technological innovations	Innovations, technologies of the future, gadgets, hardware, automation, making work easier
Design	Current trends, artistic sites (muzli), refactoring UI
Sport	Bouldering