Copenhagen, Denmark
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Marcin Zelent

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Experienced Senior Software Developer driven by passion for programming and technology, with interests and skills spanning across various areas of computer science including software design and development, cloud architecture, administration, and cybersecurity. Always ready to embrace challenges, learn new things, and grow professionally.

Work Experience

Kraftvaerk
Copenhagen, Denmark

Senior Developer   **Jun 2023 – Present**
Developer   **May 2022 – Jun 2023**
Consultant   **May 2021 – May 2022**

- Design and development of new cloud-based solutions, microservices, REST APIs, integrations, automations, websites, e-commerce platforms, and portals.
- Cloud migrations, lift-and-shift, refactoring and rearchitecting systems into cloud-native applications, serverless functions, containers, splitting monoliths into smaller services.
- Analysis, maintenance, support, and expansion of existing solutions, adapting to changing business requirements, providing high availability and stable operation.
- Providing advice and guidance to clients, researching and designing new ideas, suggesting possible improvements, investigating and solving issues.
- Primarily back-end development with .NET, ASP.NET, C#, Microsoft Azure services, SQL Server, Docker, various CMS platforms and 3rd-party services.
- Setting up cloud services, deployments, creating CI/CD pipelines, and Terraform IaC configurations.
- Some front-end development with React and Vue.js.
- Preparation of technical drawings, diagrams, writing documentation, guides, tutorials.

Founder, CTO   **ArchitectureQuote**   **Sep 2018 – Feb 2021**
Copenhagen, Denmark

- Built a complete SaaS platform from scratch in under 1 year.
- Made strategic technology decisions.
- Designed all aspects of the product and the system architecture.
- Lead development, managed projects and a team of 5 developers.
- Developed the back-end using Node.js, Express, and MongoDB.
- Created the front-end with React and Redux.
- Wrote multiple automation and data synchronization tools integrating various components.
- Set up and maintained cloud-based infrastructure on AWS.
- Introduced DevOps practices, created and maintained CI/CD pipelines.

Web Developer   **Kunde & Co**   **Oct 2018 – Dec 2019**
Digital team   Copenhagen, Denmark

- Developed web applications and landing pages with HTML, CSS, JavaScript, and React.
- Created automation scripts using Bash and Python.
- Maintained multiple corporate websites.
- Developed responsive email templates for newsletter campaigns.
- Versioned web banners in different sizes and languages.

Webmaster   **Kunde & Co**   **May 2017 – Oct 2018**
Digital team   Copenhagen, Denmark

- Managed content on corporate websites using WordPress and Umbraco.
- Created HTML5, animated, and static banner advertisements.
- Maintained multiple corporate websites.
- Prepared website overviews listing pages and modules.
- Helped with various image editing tasks in Adobe Photoshop.

Education and Certifications

- **Exam AZ-305: Designing Microsoft Azure Infrastructure Solutions**   **Sep 2023**
- **B.Sc. Software Development**, KEA - Københavns Erhvervsakademi, Copenhagen   **2019 – 2020**
- **AP Computer Science**, Zealand - Sjællands Erhvervsakademi, Roskilde   **2016 – 2019**

Technologies and Languages

- Back-end web development: C#, .NET, ASP.NET, JavaScript, TypeScript, Node.js, Express, Sitecore, Umbraco, Optimizely

- Cloud design and development: Microsoft Azure, Amazon Web Services (AWS), microservices, serverless, containers, Docker

- System administration/DevOps: GNU/Linux, Azure, AWS, Terraform, Jenkins, Git, GitLab, Azure DevOps

- Databases: SQL, Microsoft SQL Server, Cosmos DB, MySQL, MongoDB, Entity Framework

- Scripting: Python, Bash

- Testing   MSTest, xUnit, Mocha, Selenium, Cypress

- Front-end web development: HTML, CSS, JavaScript, TypeScript, React, Next.js, Vue.js

- Desktop software development: C#, .NET, UWP, XAML, Go, C

- Mobile development: Java, Android

- Content management: WordPress, Umbraco, Adobe Experience Manager, Sitecore, Optimizely

- Methodologies: Agile, Scrum, Extreme Programming, Software Design Patterns

Projects

- **ArchitectureQuote** – the first startup I co-founded and my most ambitious project so far. It taught me how to build a SaaS product, manage projects and employees, plan and design real software systems including their architecture and infrastructure. ArchitectureQuote is an online platform where architects can discover new projects.
- **Application Security** – synopsis of the research on application security based on OWASP Top 10.
- **Apartment Manager** – a system for managing a residential building, apartments, residents, and defects. Consists of a REST API and a desktop application, built with C#, .NET, and SQL server.
- **Trip Share** – a web app for displaying GPX data and photos on a map. Created using React and Leaflet.

Interests

IT and technology, popular science, art, alternative music, playing on a bass guitar in a stoner rock band, watching old movies, reading sci-fi and philosophical books, traveling, working out, cycling, skiing, hiking