Adam Horvath

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Profile

Experienced Full-Stack Software Engineer with Project Management experience adept in bringing forth expertise in development and software systems design. Looking to obtain the position of Senior Software Engineer in a fast-paced tech environment to learn new technologies and utilize well honed skills in designing and implementing solutions for the web and project management. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

Work experience

L&M Solutions Consulting, Budapest
2015-2017 Part-time Software Engineer
2017-2019 Project Manager, Software Engineer

Worked on several large enterprise web solutions as a full-stack engineer and as project manager on multiple others. Altogether I was involved in the whole software delivery lifecycle, including requirement analysis, system design, hands on coding, managing development and project progress, presenting results to stakeholders, documentation and deploying solutions.
Clients included a major Hungarian bank, a German automotive company, Central European oil and gas supply companies among others.

Highlighted projects:
- <u>Automotive manufacturing quality test management and workflow system for one of the major automotive brands.</u> Architected and led the development of a manufacturing support system using Angular, ASP.Net and MS SQL to implement complex user interfaces and workflows. Worked productively with clients to understand requirements and user needs, was able to keep balance between speed of delivery and quality while meeting high level security standards.
- <u>Intranet portal for one of the major banks in Central Europe</u>, the largest bank in Hungary. Developed several components to be integrated in SharePoint for creating, targeting and consuming news, recommendations and some social networking features using React with TypeScript and SPFx and continuous delivery. I was able to learn React in a very limited time and build UI inensive applications scalable on mobile, tablet and desktop devices. The system is used by thousands of users every day.
- <u>Full-stack application framework to bolster delivering quality solutions on a fast pace</u>: Responsibilities included architecting and leading the development of a front-end reusable component system using Angular by building multiple high quality components, services and modules. This framework has been used to deliver numerous solutions of small to larger scale.

This is Motif, London
2020-2021 Software Engineer
2021-2022 Senior Software Engineer

Instrumental role in designing and implementing software solutions for delivering and presenting market research data. My responsibilities included designing and implementing features and modules for multiple client facing reporting and content management systems, a workflow system, a central authorisation solution and an internal project management system. I gained major experience in designing and developing cloud (Azure) based software solutions.

Highlighted responsibilities and achievements:

- <u>Product owner of a client facing content management and reporting system.</u> I was responsible for managing feature and change requests for a system used for both managing sample files by clients and dynamically presenting research results.

- <u>Product owner of a sample processing workflow system.</u> I was responsible for implementing optimisations and new features to a system which was processing sample files at a high level of parallelism. Challenges included optimising the performance of running multiple thousand Azure Functions in parallel by writing optimal C# code and optimising database operations using CosmosDB and MS SQL.
- <u>Full software redesign of an internal project management system</u>. The project resulted in significant performance imprevement for users, making them use the system more often which resulted in more up to date data regarding projects and field work. We also managed to improve code quality, maintainability and extendability by a large margin, due to designing a more consistent API, replacing existing design patterns with ones that better fit the purpose, removing/simplifying ones whiches added value at the cost of complexity was questionable and by making sure there is a clear separation of architecture layers.

Skills

Technical skills

Proficient with:

- .Net, .Net Core, C#, Angular, CSS, Sass, MS SQL, Azure, Git, Agile Development, Web Application Design and Architecture

Familiar with:

- React, Webpack, SharePoint, SPFx
- Continuous Deployment and Integration, UX, Responsive and Adaptive UI Design, Functional Programming , Performance Optimization in Web Applications

Familiar with (without commercial experience):

- Java, NodeJS, AWS, TDD

Soft skills

- Commitment to delivering value
- Active learner
- Technical leadership
- Team-oriented: Making the most out of collaboration, can give constructive, beneficial feedback
- Ability to communicate engineering concepts to technical and nontechnical stakeholders
- Positive attitude, ability to acknowledge mistakes and still move forward in a positive way
- Ability to handle multiple workstreams and prioritize accordingly
- Passion for high quality

Education

Óbuda University, Budapest

Bachelor of Science in Engineering Information Technologist (2017)

Interests

Application Design and Architecture, UX, Science

Hobbies

Paintball, Basketball, Traveling