Aron Harsfalvi

Frontend React developer/architect

CONTACT

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Education and Trainings

BSC, Informatics Engineer **@ University of Obuda,** John Von Neumann Faculty of Informatics

2001 - 2005

Secure Programming Training @ Walt Disney

2011

Scrum Master Training @ Sprint Consulting

2010

- Basics of Agile paradigms
- Understanding scrum as a simple framework
- Scrum solutions for problems, situations

Oracle @ TCS

2006

- General knowledge of Oracle applications and tools
- Installation of Oracle developer environment
- Usage of Oracle SQL

Initial Learning Program @ TCS

2005-09 – 2005-11

- General knowledge of programming techniques,

PROFILE

Experienced IT engineer with over 18 years of software development expertise. Starting as a backend developer, I have transitioned to become a senior frontend developer and web solution architect since 8 years. I possess a deep understanding of the entire software development life cycle, from ideation to deployment, and have demonstrated an ability to design and deliver effective solutions.

As a freelancer, I am always seeking new challenges and am highly adaptable to diverse project requirements. In addition to my expertise in React and other frontend technologies, I have also recently started learning Python, data science, and AI. With my solid foundation in software engineering and my commitment to continual learning, I am excited to bring value to any new project or team.

WORK EXPERIENCE

Senior Frontend Developer (Contract)

@ Shell Recharge, Budapest

2023-06 – present

As a Frontend React Developer at Shell Recharge, I was entrusted with a pivotal role in enhancing the settlement segment of the charging process administration. Through comprehensive overhauls, I transitioned from legacy pages to more modern, user-friendly interfaces, which significantly uplifted the user experience.

Leveraging my proficiency in React, I led the upgrade of the framework for our platform, which not only optimized performance but also established a foundation for the introduction of avant-garde frontend technologies.

Beyond this, my responsibilities expanded to devising and integrating new features specifically aimed at refining billing and reporting processes. These augmentations not only bolstered administrative efficiency but also presented deeper, actionable insights.

Technical:

React

Senior Frontend Developer (Contract)

@ GE Healthcare, Budapest

2023-01 – 2023-04

As a Senior Frontend Developer and Architect Consultant at GE Healthcare, I played a key role in analyzing and solving complex problems within the current project. Utilizing my expertise in React, I developed and implemented solutions to enhance the user experience and improve the overall project performance.

In addition to my development responsibilities, I also provided consultation to junior colleagues on challenging problems, offering guidance and support to help them solve issues and progress in their roles. I also contributed to the

including theory of whole program life cycle.
- **Soft skills:** team spirit, presentational skills

SKILLS

React (6 years)

Angular (4 years)

NODE JS (2-3 years)

DESIGN

WEB

JAVASCRIPT (8 years)

CSS

BACKEND (J., PYTHON, NODE JS)

LANGUAGES

ENGLISH (fluent)

HUNGARIAN (native)

INTERESTS

I enjoy sports, reading, nature and

spiritual activities)

development of user stories to ensure alignment with project goals and requirements.

Through my work as a Senior Frontend Developer and Architect Consultant at GE Healthcare, I demonstrated my ability to work collaboratively in a team, mentor and support junior colleagues, and deliver high-quality solutions that meet project objectives.

Technical:

React, Python

Senior Frontend Developer (Contract)

@ Flexion Mobile, Budapest

2022-03 – 2022-09

As a Frontend Developer, my primary responsibility was to upgrade a legacy AngularJS frontend to the latest version of React, while also enhancing its configuration. To achieve this, I analyzed the existing frontend codebase, re-designed the application architecture, and implemented the migration plan.

In addition to the migration, I had the task of integrating the upgraded frontend with a Spring Boot backend, while also ensuring that the existing building process remained unchanged. To achieve this, I collaborated with the backend team to ensure seamless integration and worked on improving React's configuration to ensure efficient deployment.

Technical:

React, MySQL

Senior Frontend Developer (Contract)

@ Raiffeisen Bank, Budapest, Wien

2020-10 – 2022-02

As a Frontend Developer at RBI, I was responsible for improving and developing new features for the company's Frontend applications. Upon joining the team, I took over the design and development of the Frontend, working on both the Angular and React-based Frontend and backend.

My first project involved risk calculation for debt deals, where I worked to optimize the existing code and improve its functionality. For the second project, I was responsible for importing and processing swift messages related to stock actions, where I developed new features and enhanced the existing functionality.

Throughout my time at RBI, I focused on the Frontend development using Angular and React, but also collaborated with the backend team when required. I completely refactored and fixed the code to improve the overall performance and stability of the applications.

Technical:

React, Angular, MySQL

Senior Frontend Developer (Contract)

@ Smatrics GmbH, Budapest, Wien

2019-01 – 2020-09

As a Frontend Developer at Smatrics, I played a key role in the development of a charging management system for electric vehicle charging processes. After a short onboarding process to learn the basic concepts and protocols of the Charging Point Operator, I was responsible for building the Frontend interface using Angular and React to visualize the charging protocol in a responsive and user-friendly way.

In addition to my Frontend responsibilities, I also implemented missing protocol items and new features on the backend. This involved collaborating with the backend team to ensure seamless integration and optimal performance of the system.

Technical:

React, Angular, MySQL

Senior backend and React Developer (Contract)

@ MSCI Hungary Kft, Budapest

2018-10 – 2018-12

As a Developer at MSCI, I played a pivotal role in developing features and applications for creating indexes and other benchmark tools for the stock market. My primary objective was to significantly reduce the time-to-market of new index products by providing a resilient, scalable, and user-friendly platform for both research and IT personnel.

To achieve this goal, I used the latest cutting-edge technologies such as React, Spring Boot, and Websockets. I developed well-separated features and applications that optimized the platform's performance, enhanced its functionality, and improved the user experience.

Technical:

React

Senior Frontend Developer (Contract)

@Aliz (aka Doctusoft), Budapest

2018-01 - 2018-08

As a Frontend Developer, I was involved in a banking project that aimed to help parties organize larger scale investments and agree on various terms and conditions. As part of the development team, I played a key role in creating the frontend part of the application that covered all its functionalities.

My responsibilities included working closely with the team to ensure that the frontend design and implementation aligned with project requirements, and that the application was intuitive, user-friendly, and delivered an optimal user experience.

Technical:

React, CSS, Javascript

Web Solution Architect

@Avon Cosmetics Hungary Kft, Budapest

2016-05 - 2017-10

As a Web Solution Architect, I worked closely with business partners primarily in Central and Eastern Europe to assess feasibility of requirements and map those requirements to high-performance web solutions. My responsibilities included overseeing and participating in the design and development of new features, improvements, and bug fixes for e-commerce applications running on WebSphere Application Server, Oracle, and associated components.

My focus was on creating designs that delivered modern, responsive, and mobile-friendly user experiences, making use of REST APIs. I also created POCs with React and reused existing designs to other markets to maximize efficiency and ensure consistency.

In addition to my design responsibilities, I conducted code reviews to ensure high standards were met for code quality, performance, and security. I also

collaborated with infrastructure partners to ensure necessary hardware and software was provisioned and configured to support the solution.

Finally, I worked across the organization to improve development, testing, release, and documentation standards.

Senior Software Developer
@Chemaxon, Budapest

2015-11 - 2016-04

As a Software Developer at Chemaxon, I was responsible for gathering requirements, designing, and implementing new features for the company's chemistry solutions for pharmacy companies. One of my primary tasks was developing a Single Sign-On (SSO) solution for the existing products.

To achieve this, I started by discovering the current authentication and authorization process and analyzing possible technologies and solutions. I then created the design for the SSO solution and worked collaboratively with the team to implement it. Additionally, I configured an SSO provider using PKI-based authentication.

Technical:

AngularJS, MySQL

Senior Fullstack Developer
@Kainos Software Ltd, London

2014-08 - 2015-09

As a Developer at Kainos, I worked on two key projects, each for a government client, where I played a pivotal role in building complex web applications from start to finish.

In my first project, for the British government's Department for Environment Food & Rural Affairs, I was responsible for building an agricultural application that farmers used to provide information about their parcel details and usage. My responsibilities included analyzing and refining user stories, providing map-based frontend solutions using AngularJS 1.x, implementing the backend API, and working closely with customers and business analysts to refine requirements.

In my second project, for the Foreign & Commonwealth Office, I played a key role in building an online form application for requesting Emergency Travel Documents. This involved knowledge transfer from the Foreign Office, forming an agile team and methodologies, choosing the best technologies, and helping to create the project framework structure. I was also responsible for analyzing and refining user stories and implementing the project using Scala, NodeJS, React, and other backend/frontend technologies.

Technical:

AngularJS, REACT, NodeJS

Senior Software Developer (Contract)
@Weapon7, London

2013-05 - 2013-09 and 2014-02 - 2014-04

As a Developer for Headspace, an online meditation portal with more than 50,000 daily users, I was responsible for building REST web service APIs to support the platform's internal functionalities and develop new web services. Additionally, I played a key role in integrating third-party e-commerce tools and payment gateways such as PayPal and Zuora.

Through my work on this project, I demonstrated my expertise in Backend Development, as well as my ability to collaborate with cross-functional teams and deliver high-quality solutions that meet project objectives. My key achievement was introducing third-party payment, mailing, and subscription engines on the

backend, which helped improve the overall user experience and revenue for the platform.

Software Developer
@Medicanimal, Budapest

2011-09 - 2012-02 and 2013-11 - 2014-02

As a Developer for medicanimal.com, I was responsible for developing the administrator interface, where admins could build, customize, and set up registration functionalities both at the backend and frontend site. Additionally, I implemented and designed new features for the website using an ERP system.

My responsibilities also included investigating and providing solutions for system defects and providing SQL queries for business requirements for reporting purposes.

Software Developer
@Walt Disney Hungary Kft, Budapest

2010-01 - 2011-08

As a Developer for Disney Interactive Media Group, I played a key role in developing and supporting the Disney international registration and login system. My responsibilities included participating in developing new functionalities, supporting the working version of the application for internal administrators and external developers (both client and server-side), and developing a large-scale web application with several components, including the registration system, favorites, like function, and other smaller functionalities that were integrated for other Disney online applications like online games.

Through my work on this project, I demonstrated my expertise in Web Development, as well as my ability to work collaboratively with cross-functional teams to deliver high-quality solutions that meet project objectives. My key achievement was integrating our registered users outside of the US into the US database via building an API, which helped improve the overall user experience and increase the number of users for the application. Additionally, this application was used by around 2 million people daily, demonstrating my ability to work on projects with high user traffic.

Software Developer
@AdNovum Hungary Kft, Budapest

2007-09 - 2009-11

As a Developer for UBS Bank, I played a critical role in developing and maintaining internal web applications. My responsibilities included developing smaller features, taking care of defects, and participating in several internal projects such as time tracking tools, booking systems, and proxy configuration.

In addition, I participated in a 2-month training program in Zurich, where I gained in-depth knowledge of the project, future plans, and best solutions for the design and technologies. I was also responsible for transferring this knowledge to the Hungarian team and providing necessary support.

Junior Software Developer
@Tata Consultancy Services (TCS), Budapest

2005-10 - 2007-08

As a Developer for GE, I played a critical role in developing and maintaining backend web applications. My responsibilities included creating screens for a web application that managed the renting process for buildings and developing smaller helper tools. I also participated in smaller projects for GE Money, where I created new features, fixed defects, and performed other integration tasks.

Through my work on these projects, I demonstrated my expertise in Full-Stack Development, as well as my ability to search for and integrate new technologies to

improve the overall functionality and user experience of the applications. Additionally, my contributions helped to ensure the successful delivery of several projects that helped improve the overall efficiency and productivity of GE's business processes.