

WALEED ELREFAEI

Hungary resident. Owner of a Software Limited Companies (Smartolio Kft.). Do not require a work permit or sponsorship for company contracting work. Eligible for Hungarian PR for personal employment bases. Open to relocate.

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Experience

Movolytics Ltd. (ABAX)

Jan 2022 – Present

Mid-Senior Full Stack Developer

Peterborough, England

- With extensive Full Stack development experience, I manage projects using IDEs (Visual Studio, PyCharm, and IntelliJ). I excel in AWS services, Azure DevOps, GitHub CI/CD pipelines, and SQL Server, MySQL, and data warehouses.
- HTML, CSS, JavaScript, React JS, Bootstrap, Material-UI, Redux, Webpack, Babel, Jest, Enzyme, Postman, .NET, Node.js, Django, Express.js, ASP.NET Core, REST APIs, GraphQL APIs, LINQ, Entity Framework, MVC, SQL Server, MySQL, PostgreSQL, AWS (EC2, RDS, S3, Lambda, CloudWatch, Auto-Scaling), Docker, Kubernetes, Terraform.

Lime Light Renhold

Jun 2021 – Aug 2021

Web Developer Intern

Oslo, Norway

- Integrating React components with APIs and backend services, adopting modern practices, and documenting code.
- Developing and maintaining user interfaces with React, leveraging reusable components, hooks, and state management.

Neuron Kft.

Feb 2021 – May 2021

Software Developer Intern

Debrecen, Hungary

- Collaborated with the CTO to enhance the product and boost customer satisfaction by developing algorithmic and analytical business documentation.
- Observed and shadowed Java developers to gain insights into software and agile environments in a practical setting, witnessing the internal operations of a thriving Hungarian startup.

Personal Projects

TellM Web Application | *Java, Eclipse, JavaFX, Visual Studio, .Net, AWS*

January 2024 – Present

- The app will be on iOS, Android, and Web, helps travelers avoid scams and plan holidays quickly with personalised itineraries. Users enter details to receive custom travel plans, with AI ensuring unique experience.
- Using Swift, Kotlin, ReactJS, AWS (EC2, S3, RDS), Kubernetes, Docker, AWS SageMaker, and RESTful APIs.

Autonomous Vehicles Development With Deep Learning Solutions | *Thesis Project*

June 2023

- Developed an autonomous vehicle system that uses deep learning for driving scene recognition and path planning, enhancing real-world data collection, lane estimation, and obstacle detection for improved safety and efficiency.
- Deep learning (modeling), convolutional neural networks (recognition), scene recognition (interpretation), path planning (routing), behavior assessment (monitoring), real-world data collection (training), CARLA Simulator (simulation), OpenCV (detection), lane estimation (alignment), 2D object detection (proximity), advanced filtering techniques (reliability).

FoodFinder Website | *Visual Studio Code, React, Vue.js*

December 2022

- FoodFinder is a demo web application hosted on Netlify, designed to help users, including gym enthusiasts and people on diets, discover various food options.
- Single-page application, involving a JavaScript framework with library of React, and Vue.js. HTML, CSS used as well. Continuous deployment, serverless functions, and modern web development workflows.

Leadership / Extracurricular

Organiser

October 2023 – Present

MovoGen International Community

Movolytics (ABAX)

- We plan engaging activities for lunch breaks and after-work hours to enhance team spirit and relaxation. Our goal is to foster a vibrant atmosphere where colleagues can unwind and connect outside of work.
- We work to boost the social integration of new hires, helping them align with our work ethics and team culture.

Member

September 2021 – October 2021

INNOSID Workshop

Erasmus blended mobility

- Selected from a pool of applicants to attend an Erasmus project for 2 weeks to develop ideas and technologies for a more inclusive, mobile society for disabled individuals. Collaborated with a diverse set of students to create an application to help navigate an occupational center using AR technologies and Figma to visualize our ideas.

Education

Bachelors of Science in Computer Science Engineering

Class of June 2023

University of Debrecen

Debrecen, Hungary