

MAHYAR MOTTAGHI ZADEH

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SENIOR FULL-STACK DEVELOPER

Software engineer with 11+ years of experience in planning, design, development, and delivery of web applications in agile development. Knowledge in project management and team leadership. Fast learner, interested in new technologies, with strong technical knowledge. Seeking to work on inspiring projects where my skills and education can be developed and rewarded.

SKILLS

Server-side: C#, Node.js, Python, ASP.NET MVC, Django, Web Services

Client-side: JavaScript, TypeScript, jQuery, Vue.js, React.js, Knockout.js, HTML5, CSS3, Bootstrap

Data Management: SQL Server, MySQL, PostgreSQL, Redis, MongoDB, GraphQL, SSIS, SSRS

DevOps: Azure, AWS, Docker, GitLab

Methodologies: SCRUM

Concepts: Software Architecture, Microservices, Design Patterns, Software Security, TDD, DDD

Soft skills: Project Management, Team Organization, Problem Solving, Requirement Analysis

ACADEMIC QUALIFICATION

MSc Big Data Analytics *Sheffield Hallam University, Sheffield, UK*

Sep 2019 – Sep 2020

BSc Software Engineering *Qazvin Azad University, Qazvin, Iran*

Apr 2005 – Apr 2010

PROFESSIONAL EXPERIENCE

Senior Back-end Developer *6B Digital, Wakefield, UK*

Jul 2020–Current

6B is a digital agency in Leeds specializing in the delivery of effective and novel software solutions for ambitious brands and the public sector. As a senior back-end developer, I am responsible to implement and deliver the high-quality software solutions based on the best practices and cutting-edge technologies.

Responsibilities:

- Design and develop SaaS applications. Delivering best in class solutions meeting complex challenges.
- Implementation of non-functional requirements with cross-cutting approach to prevail technical complexities in application levels.
- Working on different challenging projects at the same time.

Achievements:

- Implemented and launched Electronic Patient Discharge Questionnaire module for Public Health England.

Technical Stacks:

C#, Python, ASP.Net .Net Core, React.js, Umbraco, EF Core, SQL Server, Azure, AWS, GitLab, Jira.

Full Stack Developer- Part-time *De Rossi Consulting Limited, Leeds, UK*

Oct 2019–Jun 2020

My present responsibilities are focused on the development of Visual Process Intelligence, a web application for big data visualization and analysis for the process industry. The application is developed by teams in the UK, Kenya and Italy for Alpha Process Control, a world leader in advanced process control and analytics.

Responsibilities:

- Full-stack development work on the visualization engine of VPI, heavily customizing and integrating charting components, implementing complex workflows, and modeling algorithms.
- Development of self-hostable packages of VPI for air-gapped Windows Server environments, starting from its standard Dockerised Linux distribution.
- Development of a real-time computation engine in .NET to run on advanced process control servers and implement the models generated by the VPI web application.
- Worked in a demanding, high-paced environment with challenging goals and very quantitative requirements.

Technical Stacks:

Ruby, Rails, Node.js, C#, .Net, HAML, Knockout.js, Bootstrap, PostgreSQL, Redis, Docker, Git, WSL, Jira.

Technical Lead *Sadad Payment Service Provider, Tehran, Iran***Mar 2018 – Sep 2019**

Sadad is one of the leading payment providers to the banking sector in Iran, developing various gateways in cooperation with the National Bank of Iran.

Responsibilities:

- Feature design, planning, and implementation of SCRUM methodology.
- Maintaining and monitoring quality control with code reviews.
- Recruiting team members and training junior developers.

Achievements:

- Launched a new internal application to identify overheads and shortcomings in performance resulting in a reduction of the company's outgoings.
- Managed a team of five developers working on three software applications concurrently.

Technical Stacks:

C#, ASP.NET MVC, JavaScript, AngularJS, jQuery, HTML5, LESS, Bootstrap, Entity Framework, Dapper, SQL Server, TFS, SCRUM

Technical Lead *Shaar IT Solutions, Tehran, Iran***Sep 2016 – Mar 2018****Software Developer- Part-time** *Rena Technical Services, Tehran, Iran***Apr 2014 – Mar 2019****Senior Software Developer** *Exirtechsun, Tehran, Iran***Apr 2014 – Sep 2016****Junior Software Developer** *Exirtechsun, Tehran, Iran***Apr 2012 – Apr 2014****Entry-Level Software Developer** *ICT Department of Tehran Municipality, Tehran, Iran***Apr 2010 – Mar 2012**

PUBLICATIONS

"A novel multimedia education speech therapy system for hearing impaired children 'PCM'10". Proceeding of the Advances in multimedia information processing, and 11th Pacific Rim Conference on Multimedia: Part I ([link](#))

INTERESTS

- **Self-development:** Learning new technical skills in programming and application development. I try to watch technical tutorials and discover about new technologies.
- **Stackoverflow community:** I take pleasure in helping other developers in solving their problems. I am learning new aspects of programming in facing different challenges.
- **Outdoor activities:** As a nature-lover, I enjoy countryside walks and hikes with my wife and daughter.
- **Sports:** Yoga, Hiking, and Jogging.

References available upon request.