Hamidreza Esmaeili Full Stack Developer

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Highlight of Qualification

- 10+ years of software development experience.
- 7 years of experience building applications with .Net Core, NodeJS, React, and Angular.
- 5 years of hands-on work with cloud-based technologies.
- Strong understanding and application of software development best practices, including Clean Code, SOLID, Design Patterns, Refactoring, Test Automation, and CI/CD.
- Solid background in computer science and software development.
- Exceptional problem-solving skills and ability to quickly learn new technologies.

Technical Skills

- **Language:** C#, JavaScript, TypeScript
- **Backend:** .NET Core, Node.js, Express, Nest.js, RESTful APIs, GraphQL
- **Frontend:** React, Angular, Vue
- **Cloud:** AWS (Lambda, API Gateway, AppSync, S3, SNS, SQS, and etc), Microsoft Azure
- **Test:** Jest, XUnit, Playwright
- **Database:** MS SQL Server, PostgreSQL, MySQL, MongoDB, DynamoDB
- **Dev Tools:** Git, Jira, AWS Code Pipeline (CI/CD), Gitlab Actions, Serverless Framework, AWS CDK and terraform (Infrastructure-as-Code), Docker

Experience

Full Stack Developer – Abacus   Australia (Remote) | AUG 2021 – Present

- Designed a dynamic **microservices-based** architecture and constructed the infrastructure using **.NET Core(C#), AWS**, leading to reduced costs and minimized **coupling** between services.
- Implemented a **messaging-driven** approach, leveraging **AWS SNS** and **SQS**, to optimize communication among independent microservices.
- Implemented **AWS AppSync** as a **GraphQL** endpoint, enhancing UI performance and reducing data retrieval times. Utilized Private **API Gateway** to seamlessly communicate with microservices APIs within the AppSync environment.
- Built a new **.Net Core** solution utilizing technologies such as **Identity Server**, **Entity Framework Core**, and more, ensuring robust authentication and efficient data management.
- Orchestrated **AWS CodePipeline** and implemented **Git Flow**, reducing deployment time and ensuring consistent feature delivery across multiple environments(development, qa, and production).
- Achieved exceptional software quality by establishing a comprehensive **test automation** strategy using **Jest** and **Playwright**, resulting in a reduction in critical bugs.
- Expertly translated **Figma** designs into web interfaces using **React**, **Redux**, **TypeScript**, **SCSS**, **CSS**, **HTML**, and **JavaScript**, ensuring high fidelity to design specs.
- Fostered a collaborative **Scrum** team environment, mentored junior developers, and facilitated knowledge sharing.

Full Stack Developer – FLATLAY INC.   USA (Remote) | OCT 2019 – AUG 2021

- Built efficient **ASP .NET Core APIs** with **C#** and **Entity Framework** for a mobile App, leading to a considerable reduction in API response times and an increase in app performance.
- Spearheaded the adoption of code quality standards by introducing **Husky** and **ESLint** across the team, leading to a reduction in code defects and enhancing overall development practices.
- Implemented **CQRS** and **Domain-Driven Design** strategy, coupled with **MongoDB**, resulting in a reduction in code complexity and an improvement in data access performance.
- Created a dynamic company web portal using **Angular** and implemented **server-side rendering(SSR)** using **Angular Universal**.

Full Stack Developer – ASA   Tehran | MAR 2016 – OCT 2019

- Implemented **.NET Core APIs(C#)** framework using repository pattern and **MongoDB**.
- Responsible for developing the UI pages using **Angular, HTML, CSS3, JavaScript, and Bootstrap**.
- Designed and implemented a comprehensive automated **testing framework** covering **Unit**, **Integration**, and **End-to-End** testing, enhancing software quality and reliability, and reducing critical bugs.
- Designed and optimized **SQL Server** databases, implementing complex queries, stored procedures, and indexing and improving overall development practices across the team.
- Containerized the application using **Docker**, enhancing portability and enabling efficient deployment across various environments, reducing deployment time.
- Championed **Scrum** and **Agile** practices within the team, resulting in an increase in team efficiency and productivity.

Full Stack Developer – PARA   Tehran | AUG 2010 – MAR 2016

- Pioneered an innovative **Parking meter system**, developing the server infrastructure to receive real-time data from parking meters.
- Implemented a **C# socket-based** solution to listen to parking meters and process electronic fare card transactions, ensuring secure and reliable communication.
- Designed and implemented a web-based system using **ASP .NET MVC** for support and report management.
- Utilizing **SQL Server** as the backend database for storing transaction data, logs, and reports.
- Created complex **SQL queries** and stored procedures to generate detailed reports and analytics for operational insights.
- Reliable Software Development Implemented a rigorous **Test-Driven Development (TDD)** approach for a financial and logistics system, conducting 8,000+ tests and achieving 75% **code coverage**.

Education

- BSc. in Computer Sciences, University of Tabriz   2005-2010