Vahid Alizadeh

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Personal Website   LinkedIn   Medium   GitHub

Education

- **Master of Artificial Intelligence**

  Sep 2015 – May 2019 | Islamic Azad University - Iran, Lahijan

  Thesis Subject: Detecting phishing websites using Ensemble algorithms XGBoost and Bagging trees, achieving a 97% success rate.

- **Bachelor of Software Engineering**

  Sep 2010 - Jan 2015 | Islamic Azad University - Iran, Lahijan

  Thesis Subject: Implemented a monolithic application based on ASP.NET Web Forms and Entity Framework to solve issues in the insurance industry, successfully resolving 4 out of 5 problems.

Work Experience

- **Senior Software Engineer | May 2014 – Present | Freelancer | | Iran**

  Position: Senior Software Engineer | https://vahidalizadeh7070.ir

  o Developed back-end services from scratch as a freelancer developer.

  o Organized 80 % of code using Clean Code architecture and design patterns.

  o Upgraded back-end services to microservice architecture, improving speed performance to 60 %.

  o Coached team members in 90% of the below technical skills.

  o Conducted Consultation meetings on microservices, and API performance design by Redis.

  o Implemented Video chat application by WebRTC, achieving simultaneous video calls for up to 56 users.

  o Programmed personal software based on microservices, achieving unlimited meeting room capacity.

- **Software engineer | Oct 2011 - May 2014 | Sazenama, Iran, Lahijan**

  Position: .NET Developer | http://sazenama.ir

  o Created and reviewed 2 back-ends and 3 front-ends based on .NET framework applications.

  o Translated from ADO.NET to Entity Framework and completed almost 80 % of projects.

  o Revamped existing code by SOLID principles and Programming Design Patterns and completed 60%.

  o Migrated Authentication and Authorization of APIs from ASP.NET Membership to ASP.NET Identity.

  o Designed fully responsive pages based on Bootstrap V2 in razor pages.

  o Improved HTML and CSS, resulting in a 90% reduction in load time.

Skills & Abilities

- **languages**
  - English: Fluent
  - Persian: Mother tongue

- **Technical skills**
  - .Net: .NET core MVC, .NET core API, WinForms, Blazor
  - Languages: C# - JavaScript - Go
  - Entity framework and familiar with Dapper.
  - Front-end skills: jQuery, Ajax, ReactJs, ReactNative, Razor Pages, HTML, CSS, and Bootstrap
  - Tools: Docker, Kubernetes, Azure DevOps, Git & GitHub, CI/CD Pipelines
  - Databases: SQL Server, MySQL; DDL, DQL, and DML, No SQL Databases: MongoDB, Redis.
  - OOP and Design Patterns: Factory and abstract factory, Singleton, Prototype, Bridge, and Decorator.
  - Principals: SOLID, Repository Pattern, CQRS, Transactional Outbox Pattern, SAGA, Pub/Sub.
  - Cloud Platforms: Microsoft Azure, AWS, Google Firebase
  - Architecture: Clean Architecture, Clean code, Microservices Architecture, Message Brokers (RabbitMQ, gRPC, MassTransit)
  - SignalR
  - Testing: TDD (XUnit), DDD; Familiar with EDD
  - Authentication and Authorization: JWT, IdentityServer4, Asp.net core Identity

- **Personal skills**

  o Managed the application's lifecycle from scratch.

  o Identified and executed effective solutions for diagnosed issues.

  o Collaborated with team members to manage application structure.

  o Pursued continuous professional growth as a full-stack developer, actively exploring emerging technologies, libraries, and frameworks to enhance skillsets and stay ahead in the rapidly evolving industry.

  o Thrives under pressure, capable of working towards release deadlines.

  o Analytical and solution-oriented mindset, capable of evaluating various options to make informed decisions.