ZIHAM ZUHAIR

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PROFILE

Proactive Senior Software Engineer with over 6 years of experience designing, developing, and implementing scalable applications using .NET Core, Angular, and cloud technologies (Azure, AWS). Adept at leading teams, optimizing performance, and delivering secure, maintainable solutions. Leverages technical and interpersonal skills to drive organizational success and enhance user experiences through Agile best practices.

CORE SKILLS & TECHNOLOGIES

Languages & Frameworks:
- **Fluent:** C#, TypeScript, Angular, .NET Core, Web API
- **Familiar:** JavaScript, Python, .NET Boilerplate, .NET MVC, Electron.js, Selenium, React, NodeJs

Databases & Cloud:
- MS SQL, MySQL, EF Core, Pomelo EF Core, EF 6, PostgreSQL, MongoDB, Firebase
- Azure, AWS, Docker, Azure DevOps (CI/CD), GitLab CI/CD, GitHub Actions

Other Tools, Practices and Skills:
- Microservices, SignalR, Hangfire, Syncfusion, Power BI, SSRS, SSIS, ML, Figma, WordPress, Cursor
- Agile (Scrum, Kanban), SDLC, JIRA, Trello, GIT, SVN, Tortoise GIT, SourceTree
- Communication, Teamwork, Leadership, Self-learning, Hardworking

PROFESSIONAL EXPERIENCE

Senior Software Engineer Consultant

AgCode Inc.   *APRIL 2026 - PRESENT*

Project: AgCode CORE
- Led frontend development in React and backend development in Node.js.
- Delivered multiple frontend and backend performance improvements to enhance system efficiency.
- Implemented a custom KMZ/KML upload process to enrich existing maps with additional details.
- Coordinated task planning and ensured alignment with product owner requirements.
- Applied AI-assisted development tools, including Cursor, to improve productivity.

Project: AgCode 4.0
- Worked as a consultant and full-stack developer using Angular 14 and .NET 8.
- Delivered frontend and backend performance improvements across multiple modules.
- Led the development of new features and resolved critical bugs to strengthen system stability.
- Collaborated closely with clients through daily meetings and Agile scrum ceremonies.

Senior Software Engineer

QualitApps Asia (Pvt) Ltd.   *NOVEMBER 2023 – JANUARY 2025*

Project: Header | STraccs
- Served as technical architect and lead developer for both frontend (Angular 16) and backend (.NET Core 6).
- Integrated real-time file upload progress using SignalR, enhancing the end-user experience.
- Led the development of new features and resolved critical bugs for system stability.
- Oversaw QA processes and production deployments to maintain high reliability.
- Conducted technical meetings and provided live demonstrations to clients for rapid feedback.

Project: NOVALAB MT
- Designed and implemented multi-layered architecture using .NET Core and Angular.
- Improved page loading load time by 30% by reducing API calls,
- Conducted development, code reviews, and peer-to-peer training sessions.
- Implemented seed methods with dynamic JSON files for streamlined data initialization.
- Optimized a custom nova-search NPM package for improved performance and usability.

Software Engineer
QualitApps Asia (Pvt) Ltd   **May *2021 – November 2023***
Project: TEBEX
- Developed real-time notifications using SignalR and handled background reporting with Hangfire and Syncfusion.
- Collaborated with clients to gather requirements and clarify project scope.
- Contributed to all SDLC phases in an Agile environment with 2-week sprints on JIRA.
    - Engaged in client discussions for requirement gathering and analysis.
    - Actively contributed to all SDLC phases, working in 2-week Agile sprints with JIRA and daily Scrum meetings.

Associate engineer – Technology
Virtusa (Pvt) Ltd   **November 2019 – May 2021**
Project: Veracode
- Enhanced performance of an in-house framework by rewriting existing methods in python and selenium.
- Collaborated on the Veracode greenlight vs code plugin to add features and fix bugs.

Project: Gowireless
- Developed and maintained a .net core, web API, and angular-based application for employee directory and store management.
- Led a technology migration from AWS to Azure, ensuring minimal downtime.
- Executed QA, UAT, and production releases with cross-border QA teams.

Full Stack Developer – Trainee
Bitmax Solutions (Pvt) Ltd   **August 2017 – September 2018**
Project: Quickbook ERP
- Created UI/UX designs and UML diagrams to clarify system architecture.
- Engaged in asp.net MVC development and bug fixes.
- Participated in knowledge-sharing sessions, fostering team collaboration.

EDUCATION

MSc in Advance Software Engineering   **Reading**
UNIVERSITY OF WESTMINSTER, UNITED KINGDOM

BSc (Hons) Software Engineering (First class honors)   **2016 – 2019**
UNIVERSITY OF PLYMOUTH, UNITED KINGDOM

CERTIFICATIONS
AWS Certified Solutions Architect - Associate (2020)