

Muhammed Abin Salim

SOFTWARE ENGINEER | AI & DATA ANALYTICS | .NET | C# | ASP.NET CORE

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Professional Summary

Software Engineer with hands-on experience developing web applications and backend systems using C#, .NET, ASP.NET Core, Entity Framework Core, SQL Server, and RESTful APIs. MSc in Data Analytics with academic expertise in Machine Learning, NLP, Predictive Analytics, and AI. Experienced across requirements analysis, backend development, database design, API integration, testing, debugging, and deployment. Seeking a Junior .NET/Software Engineering role to contribute to production applications while continuing to grow within a collaborative engineering team.

Technical Skills

- Programming Languages: C#, TypeScript, JavaScript, SQL
- Frontend: TypeScript, JavaScript, HTML5, CSS3, Bootstrap, React & Angular
- .NET & Backend: .NET, ASP.NET Core, ASP.NET Core Web API, ASP.NET MVC, Entity Framework Core, LINQ, Dependency Injection, RESTful APIs, Swagger/Open API
- Databases: SQL Server, PostgreSQL, T-SQL, Stored Procedures, Design & Query Optimisation
- Cloud & DevOps: Microsoft Azure, Azure DevOps, CI/CD, Git, GitHub, Docker
- Testing & Development Practices: Unit Testing, Integration Testing, xUnit, Debugging, Code Reviews, Agile/Scrum, SDLC
- AI & Data Analytics: Machine Learning Fundamentals, Data Analytics, Data Visualisation, Predictive Analytics, Natural Language Processing, Prompt Engineering

Professional Experience

Software Engineer Intern – BONC Network

Jun 2026 – Jul 2026

- Developed backend modules and RESTful API functionality using ASP.NET Core and Entity Framework Core to support recruitment and job-management workflows.
- Designed and implemented SQL Server database schemas, relationships, and queries to support candidate, employer, and job-management functionality.
- Assisted with requirements analysis, technical documentation, and feature planning, gaining practical experience across the software development lifecycle.

Professional Development & International Experience | Ireland

Feb 2023 – Jun 2026

- Completed MSc in Data Analytics at Dublin Business School while continuing to develop software engineering expertise.
- Continued developing practical expertise in modern software engineering principles, C#, .NET, web development, databases, and API development.
- Strengthened knowledge of AI, Machine Learning, Data Analytics, Predictive Analytics, and NLP through academic projects and coursework.
- Gained international professional experience working within multicultural teams while developing communication, problem-solving, and stakeholder-management skills.

Co-Founder & Junior Web Developer | BigShutter Media Hub

Feb 2021 – Mar 2022

- Led client meetings, gathered business requirements, and prepared technical proposals.
- Recommended software solutions aligned with client objectives.
- Managed project planning and coordinated development activities across the team.
- Developed custom websites and web applications using ASP.NET Core, WordPress, and CMS platforms.
- Designed backend services, REST APIs, and SQL Server databases.
- Implemented SEO optimisation and website performance improvements.
- Delivered projects from concept through deployment while maintaining strong client relationships.

Web Developer/ Co-founder| Personal Venture

Feb 2020 – Nov 2020

- Designed and developed a professional directory platform using ASP.NET, C#, SQL Server, HTML, CSS, and JavaScript, implementing authentication, profile management, portfolio galleries, and search functionality.
- Implemented user authentication, profile management, galleries, and search functionality.
- Successfully commercialised the platform by delivering and selling the completed solution, demonstrating end-to-end ownership from development through deployment.
- Reused the platform architecture to build a second directory solution for models and influencers.

Junior Software Developer | Tahcom Info Solutions

Jul 2019 – Jan 2020

- Developed enterprise applications using ASP.NET MVC, C#, Entity Framework, and SQL Server.
- Built business modules and optimised SQL queries and stored procedures.
- Participated in application testing, debugging, and maintenance.
- Worked within Agile development teams throughout the software development lifecycle.
- Collaborated with senior developers to deliver secure and scalable business applications.

Education

- **Master of Science in Data Analytics | Dublin Business School, Ireland** **2022-2023**

Core Modules: Advanced Data Analytics, Data Visualisation, Machine Learning and Predictive Analytics, Data Mining, Statistical Methods for Data Analysis, Natural Language Processing.

Dissertation: AI-Powered Resume Parser & Candidate Matching System

- Developed an intelligent resume analysis platform capable of matching candidate profiles against job descriptions using data analytics and natural language processing concepts to improve recruitment decision-making.

- **B.Tech in Computer Science Engineering | Kerala Technological University** **2015-2020**

Core Modules: C/C++, Java, Python, Object-Oriented Programming, Data Structures and Algorithms, Database Management Systems, TCP/IP Protocol Suite, OSI Model, Firewalls, IDS/IPS, secure protocols, Software Development Life Cycle, Encryption and Cryptography, Machine Learning and Data Science

Certification

- **Microsoft Learn – Azure Fundamentals (In Progress)**
- **Microsoft Learn – ASP.NET Core Learning Path (In Progress)**