

# MATTHEW LAW

// Senior Software Engineer · C# · .NET · Architecture

Senior software engineer with 10+ years of experience building backend-heavy systems in C# and .NET, with a strong focus on architecture, extensibility, and system quality. Regularly trusted with technical ownership, cross-cutting decisions, and mentoring responsibilities. Comfortable operating as a senior individual contributor or stepping into technical leadership roles where direction, clarity, and judgement are required.

## EXPERIENCE

// Jan 2024 – Present

### • Senior Software Engineer @ Entelect

- Own backend systems and APIs for client-facing and internal platforms.
- Lead multi-tenant, plugin-based architecture design and legacy modernisation.
- Implement secure auth patterns (OAuth2/JWT) and reusable libraries.
- Mentor engineers and guide architectural decisions in client engagements.

C# .NET ASP.NET Core OAuth2 JWT Entity Framework TypeScript Angular

// Jun 2022 – Jan 2024

### • Intermediate Software Engineer @ Entelect

- Built reliable backend systems and APIs in C#/.NET.
- Contributed to multi-tenant and plugin-based architecture evolution.
- Refactored legacy systems to improve maintainability and reduce technical debt.
- Worked across the stack using TypeScript and Angular when needed.

C# .NET JWT TypeScript Angular

// Dec 2021 – May 2022

### • Mentor @ Dariel

- Mentored junior engineers through code reviews and technical guidance.
- Focused on improving code quality and problem-solving skills.
- Helped navigate real project challenges and understand architectures.
- Developed skills in constructive feedback and team leadership.

C# ASP.NET MVC Angular Azure Apache NiFi gRPC

// Mar 2020 – May 2022

### • Software Developer @ Dariel

- Delivered backend and full-stack solutions across multiple client projects.
- Implemented APIs and integrated external systems.
- Worked with REST, gRPC, cloud services, Firebase, and Apache NiFi.
- Adapted quickly to new codebases and delivered maintainable solutions.

C# .NET ASP.NET JavaScript SQL Angular Azure Firebase Apache NiFi gRPC

// Jan 2019 – Feb 2020

## Intermediate Software Developer @ Securities & Trading Technology

- Developed and maintained production financial systems in high-reliability environments.
- Implemented new features and improved internal frameworks.
- Worked across backend and frontend with C#, SQL, JavaScript, and Angular.
- Collaborated with stakeholders to deliver robust domain-specific solutions.

C#

SQL

JavaScript

Angular

// Dec 2015 – Dec 2018

## Junior Software Developer @ Securities & Trading Technology

- Developed new financial solutions and contributed to internal frameworks.
- Worked with C#, SQL, JavaScript, and Angular on financial systems.
- Delivered BBO and Custodial solutions for the ZAR X environment.
- Gained experience in production system delivery under live constraints.

C#

SQL

JavaScript

Angular

## EDUCATION

// 2015.01 – 2015.11

### Microsoft Certified Software Development Professional (MCSDP) @ CTU

- Software development using C#, SQL Server.
- Learnt to use tools such as Visual Studio, Expression Blend 4, SQL Server and Unity.

// 2011.01 – 2014.12

### Computer Software Engineering @ SSir Online School

- ICT Theory
- Software Engineering in HTML, Java and MS SQL.

// 2001.01 – 2014.12

### IEB National Senior Certificate @ St. Dunstan's College

- Grades 1 => 12
- Activities and societies including Extra Art, Rowing Club and Advanced Mathematics.

## TOP SKILLS

C# / .NET

System Architecture

API & Web Security

Multi-Tenant Design

TypeScript / Node.js

Unit Testing

## TECHNOLOGIES

C#

.NET

ASP.NET Core

OAuth2

JWT

Entity Framework

TypeScript

Angular

ASP.NET

MVC

Azure

Apache NiFi

gRPC

JavaScript

SQL

Firebase

## HOBBIES

Dungeons & Dragons

Side Projects

Video Games

Reading

## CONTACT

// Full Profile

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