



# KILLIAN CHANDEZE

## SOFTWARE ENGINEER C#/.NET

Methodical and detail-oriented Software Engineer with 3+ years in C#/.NET, passionate about finance and Web3 innovation. Active in hackathons and dev competitions, always ready to step out of the comfort zone to deliver impactful results. Seeking a full-time Software Engineer/Developer role or V.I.E assignment.



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Kuala Lumpur, MY

## EDUCATION

### FINANCIAL ENGINEERING AND RISK MANAGEMENT

Columbia University  
2025

### FULL-STACK SOFTWARE ENGINEERING

Microsoft  
2022-2023

### B.Sc. BUSINESS ANALYTICS AND STATISTICS

Clermont Auvergne University  
2020-2022

## SKILLS

- C# (.NET 6+, ASP.NET Core, WPF, XAML)
- TypeScript (Angular, React, Next.js)
- SQL (MSSQL, PostgreSQL), ORM (EF Core)
- REST APIs, OpenAPI, SignalR, MediatR
- Azure DevOps, AWS, Docker, Terraform
- Prometheus, Grafana, SSIS, PowerBI
- Postman, JWT/OAuth 2.0, OWASP Top 10
- Agile/Scrum, TDD, SOLID, CQRS, SOPs

### LANGUAGES

- French : C2 (Native)
- English : C1 (Fluent)

### PROJECTS

- Crypto Analytics Platform
- Personal Finance Aggregation
- Plutonium Linux Server Suite
- Winget Update Manager
- Pokémon Guessing Game
- AI Crypto Whitepaper Analyzer

## PROFESSIONAL EXPERIENCE

### SOFTWARE ENGINEER (.NET / ANGULAR)

Freelance | Kuala Lumpur, Malaysia | Sep 2024 - Dec 2025

- Built C# (.NET 8) backends with optimized SQL Server databases, improving query performance by 27%.
- Developed secure ASP.NET Core APIs (Clean Architecture, JWT, rate limiting) and Angular front-end.
- Implemented Azure DevOps CI/CD pipelines with 85% xUnit test coverage, Docker containerization, and automated deployments.

### SOFTWARE ENGINEER (.NET / PYTHON)

Freelance | Kuala Lumpur, Malaysia | Dec 2023 - Aug 2024

- Built multi-threaded C# scoring engine with Python integration for quantitative and market analysis.
- Designed real-time ETL pipelines (REST/WebSocket) with PostgreSQL and Redis, reducing data latency by 52%.
- Developed backtesting and risk models (Sharpe ratio, drawdown), improving strategy accuracy by 25% across markets.

### SOFTWARE ENGINEER (.NET / XAML)

AUSY | Lorient, France | Feb 2023 - Nov 2023

- Designed supply chain optimization algorithms, reducing delivery times by ~30%.
- Developed WPF (MVVM) production tracking app and Dockerized ASP.NET microservices.
- Managed production integration and system stability by resolving critical bugs, leading incident reporting, and configuring proactive monitoring alerts and triggers.

### SOFTWARE DEVELOPER / DATA ANALYST

Michelin | Clermont Ferrand, France | Apr 2022 - Jul 2022

- Optimized Oracle PL/SQL procedures, boosting log processing reliability by 45% and cutting execution time.
- Built real-time C# WPF monitoring dashboards and ETL/Power BI reporting, improving production visibility.
- Automated IT and data operations with C# and PowerShell tools, reducing manual workload.