

DIMITAR PRODROMOV

AI-Augmented Solutions Architect

Location: Bulgaria (Remote)

Portfolio: <<https://quantum-fortres.github.io/PORTFOLIO/>>

Email: <papica777@gmail.com>

[DATE]

TO: Senior Director of Engineering

COMPANY: Computrition

POSITION: Lead Software Engineer (.NET/AWS)

RE: ACCELERATING YOUR ROADMAP WITH AN "AI-FIRST" ARCHITECT

Dear Hiring Team,

I read your job description for the Lead Software Engineer role, and one line stood out immediately: "Safely apply AI tools... to accelerate delivery."

Most candidates will apply offering you "7 years of C# experience." I am offering you something different: The Future of Engineering.

I am an Architect who has spent the last year building "The Pantheon" — a proprietary autonomous development engine that allows me to operate with the output of a 5-person team. I don't just "write" .NET code; I architect the solution, define the security interaction boundaries, and then orchestrate AI agents to generate the boilerplate, unit tests, and documentation.

Why I am the Strategic Fit for Computrition:

1. AI Mastery (The Multiplier Effect):

You want a Lead who can "raise the bar." I bring an "AI-First" methodology that ensures every Pull Request is pre-analyzed for security flaws, every method has unit tests generated instantly, and documentation is never out of date. I can mentor your team to use these tools safely, ensuring no PHI ever leaks into a public model.

2. HIPAA-Grade Security Mindset:

My background is in high-frequency algorithmic trading. In my world, a security flaw doesn't just mean a ticket in JIRA; it means instant financial ruin. I built `ReaperAudit`, an immutable logging system that tracks every system action. This "paranoia" is exactly what you need when handling Patient Health Information (PHI). I understand *Encryption in Transit*, *Encryption at Rest*, and *Least Privilege Identity Management* because I live by them.

3. .NET & Cloud Architecture:

I design systems that scale. Whether it's managing AWS Lambda event triggers or optimizing PostgreSQL schemas for complex data models, I focus on Clean Architecture and SOLID principles. I ensure the domain logic is decoupled from the infrastructure, making the system testable and maintainable for years to come.

4. Leadership & Mentorship:

A true leader empowers their team. I don't hoard knowledge; I build systems and documentation that allow a junior engineer to push code with the confidence of a senior. I want to help Computrition's engineering team transition from "coding hard" to "coding smart."

I am ready to bring my Arsenal of efficiency tools and my security-first mindset to Computrition. Let's build the platform that powers the future of healthcare nutrition.

Sincerely,

Dimitar Prodromov

The AI-Augmented Architect