The AI Architect – A Metaphor for Tomorrow and perhaps Today. Is there more to be lost than gained through AI innovation and change?

(With apologies to hardworking Architects, Tradies and Chalkies)

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Architecture is hugely important in the human world. Pyramids, castles, palaces, government offices, monuments and historic buildings of all epochs help us define our heritages and achievements. People often form strong bonds with great, iconic architecture. Places like the Eiffel Tower, Big Ben, the Sydney Opera House and The Arc de Triomphe are often storehouses of memory for those who have visited them or grown up around them.

And some great architect's names resonate louder than others. For example, John, James and Robert Adam (in the Georgian era); John and William Bastard (who surprisingly never thought of a name change) in the Palladian and Baroque period and Norman Foster (The Gherkin), Renzo Piano (The Shard) and Le Corbusier (Notre Dame Du Haut) in more recent times. These names are associated with 'iconic', statement making structures. Lauded with praise, status and wealth for their efforts - their architect's names have become immortal.

Architecture for the less wealthy

For the 'everyday', non-iconic, architecture - most businesses, homeowners and less wealthy citizens require our architects to be journeymen (journeywomen/persons) who try to embellish already existing accommodation or deal with small scale building creations on painfully tight budgets. There is less ostentation (more artfulness than art) - and more design cum economic pragmatism in such work. After all, iconic outcomes are hard (and expensive) to come by.

For anyone who has braved the processes of designing and building their own dream home or extending the building footprint of their small business operations – pitfalls abound. Mostly these relate to costs.

AI could be the answer to many woes in this sphere.

Forget about going to your typical suburban architect's office and dreaming up design plans that will eventually cost you twice the estimated fee to get built.

Simply turn to the AI Architect.

The AI Architect

Furnished with existing plans from many, many thousands of house extensions, new builds, historic builds, alternative builds or whatever you are looking for, the *AI Architect* will be able to replicate, scale and imitate bespoke architectural solutions to meet your specific requirements.

The *AI Architect* possesses the learning and wisdom of a 1,000 years of architecture and the accrued learning of the top 10 architect training programs globally. What you don't need is 'an architect' when you can, for a fraction of the cost, draw on the vast capabilities of *the AI Architect.*

Within just a few minutes you could be furnished with a range of potential (affordable) solutions to satisfy all your architectural needs and desires – all furnished with full engineering and structural plans to get the job done smoothly.

What is more, the *AI Architect* will entirely replace the costs and services of any surveying and structural and civil engineering inputs. Having access to local authority building regulations and deep engineering competencies - the *AI Architect* will calculate wind ratings, thermal insulation needs, material costs and even communicate with your local council's AI interface to gain swift approval for any plans it submits on your behalf. So, theoretically, your local authority might also benefit from this AI relationship and undergo major reductions in its own staffing and attendant service costs – *which, after all, are largely 'administrative' in nature and easily enhanced through compatible new AI strategies.* So, savings all round again for you and for other taxpayers! It's an unavoidable win, win, win scenario.

A full *AI Architect* service can also negotiate exact construction costs (with certified builders) and even quantify and arrange timely delivery of precisely the correct amount of material required. Guaranteed no wastage. *More savings for the homeowner.*

Building trades and fabrication processes

As for dealing with building trades and fabrication processes – well, there are also less costly solutions to hand.

What IKEA has done with flat packed furniture the *AI Architect* can do with ordering factory built, flat packed homes and generic design solutions for all situations. In an Amazon delivery (integrated framing, wiring and plumbing) approach, you might still need an occasional labourer to assist with internal refurbishing or the demolition of smaller structures, but labour will become increasingly cheap to hire. Eventually, there will be so much competition for work amongst those semi- and non-skilled workers *who aren't able to work in AI related areas* that the cost of manual labour is destined to tumble. As one in four Australian school goers will currently fail the NAPLAN targeted tests for literacy and numeracy – a cheap pool of semi and unskilled labour is more than certain.

3D Printed Homes

3D Printed Homes will also be of great benefit in reducing pricing and aiding with environmental concerns. Traditional building is such a ridiculous, overly complicated process. Bricks by the million, plaster and paint, wooden frames, nails, tiles and tin, wiring and plumbing- and all that expensive labour to piece it together. The *AI Architect*, linked to relevant fabrication facilities, can majorly lower costs in the production of housing and refurbishment elements; cut construction time to a minimum and above all else, reduce expensive human labour costs. *This means affordable, effective, housing solutions for everyone. Isn't that what government is crying out for?*

When refurbishment or rebuilding time comes I, for one, won't hesitate in getting an inexpensive *AI Architect* and a flat packed, self-assembling, solution to resolve my needs. After all, cost is everything. And if AI can also effectively replace regulatory building bureaucracies and administrative hierarchies with delay-free clarity then why on earth wouldn't we all use it?

Education Context

The same applies to education both in schooling and at university levels. Rote learning has long been seen as obsolete but now the definition of 'scholarship' is being changed through AI to eliminate all those laborious repetitive learning tasks and reliance upon individual's possessing discipline knowledge. You don't need knowledge when you have access to the internet and an AI app that can form your thoughts for you. AI frees us all from such regurgitative toil.

Of course, I might be a little less sanguine, in the future, about my own grandchildren being taught online by AI tutoring simply because the architecture and concept of schooling may have become too expensive to have actual teachers and physical classrooms.

Hey, but with everyone working from home – parents will be able to *be present* and take responsibility for their own children as they learn online - rather than farm them out to expensive educational services!

It would be just like it was for most families until the late 1800s- before children were forced by the government into *physical schooling environments*. Has the time come to release children from collectivized schooling? Do we still need building architecture for school and university style education? But perhaps that's a different story?

Tongue in cheek? Yes, but only just.

[NB: The AI Architect is a copyright protected name and concept. *Not that IP ownership will bother any Generative AI app.]*

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