



About :

Senior full stack GitOps designer/developer and certified Integration Architect — with a background in both software/hardware development, covering: making, inventing, designing, patenting, and prototyping things you can touch, click, and depend on; using tools like Visual Studio Code, Git, Postman, Docker, Matlab, Simulink, and TensorFlow.

Service-Oriented Architecture (design/prototyping) :

- MuleSoft certified integration architect ___ designing, implementing, assuring technical quality and governance — of organisational microservices.
- Porting monoliths to microservices ___ detangling monolithic systems and migrating them to microservice architectures.
- designing component-based software ___ defining, implementing, and composing loosely coupled independent components for enterprise systems.
- API modelling ___ using RAML, OAS3 to define API specifications and documentation.
- Delineating application components ___ with Unified Modelling Language (UML) to visualize a system's design.
- Designing infrastructure layers and service mesh ___ with either Kong, or NGINX.
- Composing build and deploy GitOps automation systems ___ using GitHub, GitHub Apps, DangerJS validation, JenkinsX, Nexus, and Kubernetes.

Application Development :

- MuleSoft certified developer ___ able to build, test, and debug integrations and API implementations.
- Polyglot developer ___ using TypeScript, JavaScript/Node, Python, Java(Rusty), Ruby, DataWeave, UML.
- Developing single-page or mobile web applications ___ in Angular or React (graduate of the ReactJS Academy).
- Coding containerised microservices and server-side application components ___ with NestJS and Kubernetes.
- Implementing solutions for multiple architectural constraints ___ using gRPC, GraphQL, and REST.
- Safeguarding code with test frameworks ___ with Cypress, and Nightwatch.

UX/UI Design :

- Developing application concepts ___ crafting elevator pitches and visuals to help scope and explain a concept.
- Illustrating and branding software ___ with Photoshop and Illustrator.
- Rapid prototyping with interactive wireframing ___ using AdobeXD.

Machine Learning patents :

- 1_ "system and method of using genetic programming and neural network technologies to enhance spectral data"
patentimages.storage.googleapis.com/5a/83/c8/eb2fdf603fb63d/US20070288410A1.pdf
- 2_ "system and method for behavioural modelling"
patentimages.storage.googleapis.com/41/67/07/4e40fcfb69e406/US7340060.pdf

FAQ :

Are you on social media? ... no, it's creepy

Random :

- Went to school and studied BSc Design Futures at Westminster University.
- Am Solidworks (CSWA) Certified.
- Took the Stanford Professional High Performance Websites course (taught by Steve Souders).
- Aced MIT's Big Data course.
- Did one of those online courses from Brown University, in Applied Linear Algebra in Python.
- Enjoy representing numbers in cool new ways (buy me a drink and I'll draw you a picture).
- Have worked on cool plant/aeroponics stuff (buy me a drink and I'll still not tell you #NDA).
- And I can make women's shoes 🧚