Jonathan Sayers

66a Lowther Road,
Brighton, East Sussex
BN1 6LH
07817 770680
jon@sayers.cloud

I am a **Software Architect** with a broad experience in all aspects of service delivery. Enthused by the possibilities distributed systems offer and always striving to answer the big questions. I believe strongly in technology as a force for good and have faith in its ability to improve lives. My enthusiasm for technological advances is contagious and I believe I both see and inspire the best in people.

Currently undertaking a Research **MSc** in the **Internet of Things** and **Connected Devices**, at the University of Brighton, to formalize the knowledge I've acquired over the last few years and combine it with my vast experience in **Cloud-Based Systems**.

My passion is **Research & Development**, I love solving problems, proving ideas and designing solutions.

I love building stuff!

Skills

- System Architect / Developer
- HTML, JavaScript, C#, C++, SQL
- .Net 5, .Net Core, Microsoft Azure, AWS

- IoT Devices & Infrastructure
- Data Analysis and Visualization
- Compliance & Security

Experience

MARCH 2021
Lead Cloud Developer / Indra Renewable Technology

Tasked with bringing cloud software development in-house for this well funded start-up I have built and managed a team of staff and contractors. Indra manufacture EV Smart Chargers and needed an entire cloud system and native apps. Developing a custom OCPP Web Socket server, utilitising Azure Service Bus Queues and Topics, and CosmosDB NoSQL Database, we have designed and prototyped a scalable solution that has met with approval form the external Due Diligence team for the next round of funding. I believe this will also be the best EV Charging App on the app store. My role has been of architect, lead developer and product designer reminding me of my love of working with mulit-disciplinary teams.

NOVEMBER 2020 – DECEMBER 2020
IoT Cloud Architect / Hex Transformer

I started my MSc in IOT to make opportunities like this possible... A Medical IOT firm with funding to study Gait as an indicator of Disease. The day I started the CTO who hired me departed and I found myself in the most toxic culture I have ever experienced. A month learning to deploy Azure IoT Edge and some great moments re-motivating a deflated team of talented devs. Sadly, however, I had no choice but to resign.

SEPTEMBER 2018 – OCTOBER 2020
System Architect / SinoAsia UK – Ingeni Services

Design and Build of Distributed Compliant Sales Systems for Insurance Industry Clients, including the Design and Integration of Quote & Buy APIs. I took legacy systems and moved them to Azure Cloud encompassing various microservices including SQL, NoSql, Queues, Functions, WebApps, APIs.

SEPTEMBER 2015 – SEPTEMBER 2017
Technical Director / Siaro Limited

Architect of Cloud-Based Client Intake System for Family Lawyers based on Second-CMS System. Work focused around the idea of a universal digital case definition and the visual representation of this idea. A great deal was learnt about identifying client problems and designing secure systems to resolve them.

AUGUST 2014 – SEPTEMBER 2018
Director / SecondLab Limited

Leading a small talented team to produce Second-CMS System and use it to power services in the Insurance and Legal Industries. Specialising in Rapid Prototyping of Complex Solutions and Recursive Logic Engines to create Guided Pathways. Building Creative Solutions that work.

APRIL 2011 – JULY 2014
System Architect / Tobell Insurance Services

Design and Build of Cloud-Based Compliant Sales Systems and Underwriting & Claims Analysis Systems. Data Heavy role requiring the analysis and visualization of big data for various stakeholders.

SEPTEMBER 1999 – APRIL 2011
Director / Mojo Creative Limited

Director of Micro-Agency specializing in Data-Driven Websites and Insurance Systems. Designed and built a modular CMS system that powered e-commerce solutions and online publications.

AUGUST 1998 – AUGUST 1999
New Media Developer / Airstream Communications

Web and CD-Rom Designer and Developer.

1997 - 1998
Studio Manager / Small Back Room

Managing and working in Production Studio of Creative Agency in London.

1994 - 1997
Senior Designer / Paul Simmons Associates

Senior Designer and Mac-Artworker in Advertising and Design Agency.

Education

2020 - 2021
MSc Internet of Things / University of Brighton

Worked with Supervisor to devise modules for IoT and Connected Devices Masters using Brighton's MSc by Learning Outcomes as the framework. Azure IoT Hub, Azure IoT Edge, Web Sockets, MQTT, 3D Printing, PCB Design, Embedded programming... this fantastic course enables me to adapt my learning to reflect my work requirements. My learning will continue throughout 2021.

2002 - 2003
BA Media Studies / University of Chichester

1987 - 1989
Diploma Graphic Design / Northbrook College

Hobbies

- Internet of Things, Electronics, Microcontrollers, Automation... All things tech.
- Creative Writing.
- Swimming, Surfboards, SUPs and Sea Kayaks.
- Playing and Coaching Softball.

Links

Website: https://sayers.cloud/about (on an experimental .net core CMS I'm developing)

IOT Prototype: https://sayers.cloud/msc-iot/modules/lg201

IOT Server: https://sayers.cloud/msc-iot/modules/lg202

Siaro Demo: https://www.youtube.com/watch?v=TdEjhSVb6pU