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The Flat, The Cinque Ports, 49 High Street, Seaford, Sussex, United Kingdom

A highly experienced lead software developer, having started in the cloud hosting industry and more recently in crypto and NFTs. Looking for the next exciting project to work on.

Skills:

- **Many programming languages:** JavaScript, TypeScript, C, C++, Java, Python, PHP, Perl – Proficient in many languages.
- **Web Development:** A huge amount of experience, ranging from simple websites with Wordpress, through to bespoke data-driven web apps in React and Next.js.
- **Server administration:** Linux, FreeBSD, Windows Server, Solaris
- **Database design + admin:** MySQL, Postgres, Microsoft SQL, MongoDB, Fauna
- **High Availability + Scalability:** Redis, RabbitMQ, Load balancers etc.
- **UI / UX Design:** Photoshop, HTML5, jQuery, responsive design, etc.
- **Radio:** Fully licensed amateur radio operator (callsign M0ABU) – experience with RF design, building transmitters, impedance matching, SWR etc.
- **Networking:** Experienced network technician and administrator.
- **Embedded:** Arduino, ESP32, ESP8266, Raspberry Pi. Experience with SPI, I²C
- **Electronics:** Lots of experience soldering and various projects with LEDs, NeoPixels – and I collect vintage glass vacuum tube displays (Nixie Tubes, VFDs, Magic Eye, Dekatrons etc.)
- **Audio:** Filtering and processing audio for publication, also wiring up recording and playback gear for the events industry, as well as for a local radio station.

Experience:

- Creator of [CIP54](#) and the [Arden, the Smart NFT framework](#) for Cardano, also [Cardano Looking Glass](#) – a visual blockchain explorer for Cardano.
- Lead developer at Artifct.app - an NFT marketplace (Now rebranded to [Artifct Spaces](#)) – Developed the backend system in Laravel with PostgreSQL+Redis, which integrated with the Cardano blockchain in Rust. Frontend is in Next.js
- Backend developer for [Plutus.art](#) – another NFT marketplace – This time the backend was written in Node+TypeScript with MongoDB and Redis, which also had a frontend in Next.js
- Guchi.io – NFT shorting platform on Cardano – Built the front end in Next.js
- Built the backend for a multiplayer online [language tutoring game](#). The backend was built with Node and Socket.io and used Redis pub/sub groups to distribute messages to each game lobby.
- Founded a company (Originally called Hybrid Logic – later renamed [Cluster HQ](#)) providing web hosting and cluster software. Exited the company during a funding round in which it was valued at \$8.2m USD.
- Web/UI development for a local events and catering company called Black Fox Events (originally Eclipse Leisure). (Full time and freelance over number of years)
- Software development, networking and IT support for a marketing company - Rocket Marketing Group (Full time 3 years)

Hobbies: Guitar and electronic music production, cookery, and mechanics.