

# Jordan Upton

Software Developer

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## Overview

Software developer with 10+ years across frontend and backend, primarily TypeScript/JavaScript with React, Angular and Node.js. Best known for a linked Dubai/UAE chapter (2018 to 2022) where returning clients stacked: Etihad Design Language System, Al Arabiya News UI and training, BFit/FitLink, and a First Abu Dhabi Bank Angular PoC, delivered through Tent and Bear / IBM iX. Also leads complex deliveries, modernises legacy stacks, and ships design systems and monorepo tooling (Turborepo preferred; maintains nx-bun; past nxnext.org). Open-source contributor across Stylelint, Angular Material and Vite. Currently in role leading next-generation clinical audit and reporting platforms (TypeScript, WTHN, Rust, SurrealDB).

## Technical Skills

**Languages:** TypeScript, JavaScript · Rust · C# (mid-level) · Java (junior) · PHP

**Frontend:** Angular, React, Next.js, Storybook, Turborepo, micro frontends, SCSS · WTHN (Why The Hell Not) · nx-bun

**Backend / infrastructure:** Node.js, NestJS, Docker, AWS (Lambda, EC2), CI/CD · SurrealDB · Laravel, WordPress

**Testing / quality:** Cypress, Cucumber, Protractor

## Experience

### Current role · Software Developer

March 2025 – Present · UK

TypeScript, WTHN (Why The Hell Not, [github.com/Jordan-Hall/wthn](https://github.com/Jordan-Hall/wthn)), Rust, SurrealDB

- Leading development of a next-generation clinical auditing and reporting platform.
- Building the product UI on WTHN (Why The Hell Not, [github.com/Jordan-Hall/wthn](https://github.com/Jordan-Hall/wthn)) with TypeScript, backed by Rust services and SurrealDB.
- Shipping secure, IG-aware clinical audit workflows: data collection, validation, and real-time reports, charts and dashboards for national NHS programmes.

### Tifo / BigUp · Frontend Developer

May 2024 – September 2024 · US Remote

React, Next.js, Node.js, Tailwind CSS

- Developed and enhanced features for a sports social media platform using React and Next.js.
- Built a custom Design Language System, improving UX consistency across the product.

### Three Media · Lead Software Developer & Systems Architect

January 2023 – August 2023 (ad hoc until January 2024) · UK Remote

Angular, .NET Core, Node.js, PHP, Docker, AWS Lambda

- Redesigned systems into a microservices architecture with Docker, AWS Lambda, EC2 and Kafka.
- Upgraded Angular from version 8 to 15, modernising the codebase and improving performance.
- Established development processes including CI/CD, engineering standards and pull requests.
- Open source: Caprover Actions, Check Changes Since Last Release, AWS SSM Action, Commitlint Gemini.

### Dubai / UAE chapter · Senior Software Developer & Consultant (Tent and Bear / IBM iX)

Linked engagements 2018 – October 2022 · Dubai, UAE & Remote

Angular, React, Next.js, Node.js, NestJS, MongoDB, Storybook, SCSS

- One connected UAE chapter: airline DLS, news UI, Dubai startups and banking PoC, delivered as a linked set across Tent and Bear / IBM iX engagements.
- Built a custom Design Language System for Etihad Airlines with Angular and Storybook.
- Shipped a new UI framework for Al Arabiya News (CMS integration, legacy-browser support) and ran framework-adoption training in Dubai.
- Supported Dubai startups including BFit/FitLink (React Native) on NestJS/MongoDB.
- Proof of concept moving React to Angular 14 for First Abu Dhabi Bank with Kendo UI.

### MadeTech · Accessibility Developer

April 2022 – June 2022 · London & Remote

Python, React, Plotly Dash

- Guided the UK Government GDS transition to Python and React, focusing on accessibility improvements.
- Developed the GDS Dash library for data visualisation and the DLUC open-source project for Gov UK dashboard components.

## **OpisHub / Opis Group · Consultant & Developer**

November 2021 – October 2022 · Brighthouse & Remote

Angular, SolidJS, PHP, Node.js, Rust, Android

- Advised on mobile computing solutions enabling server-side computation via mobile devices; early research on mobile AI.
- Developed OpiPets mini-games, emails and websites in collaboration with the CEO.

## **OpisHub / Opis Group · Head of Software**

June 2021 – November 2021 · Brighthouse & Remote

Angular, SolidJS, PHP, Node.js, Rust, Android

- Provided architectural leadership for outsourced projects; led development of the OpiPets website (Angular and SolidJS).
- Coordinated delivery across internal and external teams; POC for mobile computing (Kotlin and React Native).

## **Atos · Front End Team Lead**

March 2021 – July 2021 · UK Remote

React, NX, Storybook, Web Components, JSON Schema

- Led the frontend team building a cloud application portal using NX and Storybook.
- Implemented component-driven development with web components and JSON Schema.

## **Real Deal Holidays / LTS · Lead Developer & Investor**

June 2020 – October 2022 · UK Remote / Mansfield

React, Angular, PHP, WordPress, Node.js

- Started as part-time developer on a PHP/WordPress ecommerce platform; later investor and full-time lead.
- Built toward a multi-tenant microservice SaaS for travel agencies; wound down amid Covid travel restrictions.

## **ClickUp · Frontend Developer**

June 2020 – February 2021 · US Remote

Angular 8, NX, Cypress, Storybook

- Introduced Cypress with Cucumber for testing; contributed to automations, Kanban ticket limits, and maps/location features.

## **Admiral Insurance · Frontend Developer**

January 2019 – June 2019 · Cardiff

Angular, Cypress, Protractor, Cucumber, NX

- Maintained and re-developed the frontend and an automation framework for testing; introduced monorepo tooling.

## **ORM · Angular Developer**

August 2018 – December 2019 · London & Poland

AWS Serverless, Node, Inversify, Angular

- Full-stack developer for a Smartcard ticketing system for the rail industry.

## **Right Revenue Limited · Angular Developer**

March 2018 – May 2018 · Northern Ireland

Node.js, Webpack, React, AWS Serverless

- Integrated PMS systems into the Right Revenue model; recommended OpenFaaS as a cost-optimising AWS alternative.

## **Stratec Biomedical · Angular Developer**

July 2017 – March 2018 · Northern Ireland

Node.js, Webpack, React, AWS Serverless

- Developed a biomedical lab project; introduced NgRx state management and optimised frontend infrastructure.

## **AdminRe / Reassure · Full Stack Developer**

August 2016 – July 2017 (ad hoc until January 2024) · UK Remote

AngularJS, Angular, MVC, WebAPI

- Converted a VB desktop application to modern AngularJS with a C# backend; led the AngularJS to Angular UI architecture change.

## **WTUK / Whites Group / Whites Pay · Full Stack Developer**

2015 – 2016 · Nottingham

AngularJS, KnockoutJS, C#

- Developed an onboarding process for financial services with regulatory compliance.
- Helped launch SettlePay / Whites Pay with interactive widgets showing currency-conversion fee transparency.

## **Atos · Software Developer**

2013 – 2014 · Nottingham

C#, AngularJS, Android

- Developed Android apps, maintained a service monitor application, and worked on server-side monitoring.

## **Leadership & knowledge transfer**

Extensive experience leading technical teams and guiding project transformations: re-architecting systems and CI/CD at Three Media; GDS stack and accessibility transition at MadeTech; frontend team leadership at Atos; desktop-to-SaaS transformation at AdminRe/Reassure; architectural guidance for outsourced delivery at Opis Hub; and a proud linked Dubai/UAE chapter (Etihad DLS, Al Arabiya News, BFit/FitLink, FAB PoC).

### Key achievements

- First to successfully build Angular using Vite, pathfinder for the Analog framework.
- Past core member of the nxext org, plugins and micro-frontend tooling; maintains nx-bun. Prefers Turborepo for greenfield monorepos.
- Author of stylelint-use-logical-spec (47,000+ weekly downloads).
- Created angular-material-rail-drawer (peaked at ~2,000 weekly downloads).
- Exploring a Rust compiler for Angular; promotional support and examples for Deno Alosaur.

### Writing

Selected essays: [lostdeveloper.medium.com](https://lostdeveloper.medium.com)

### Charity

**Keeping Kids Safe**, modernised IT systems and enhanced collaboration with police forces. **Help for Heroes**, fundraising activities, including working as the Help for Heroes Bear.