Jon Richards

LEAD/SENIOR JAVASCRIPT DEVELOPER

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Skills

Full Stack Development - JavaScript (TypeScript, ES2022), Frontend (React, Vue, CSS, HTML), Backend (Node, Express, NestJS, Mongo, SQL)

DevOps & Infrastructure - AWS (Lambdas, Serverless, Containers, CDK), Server-side Rendering (Next, Isomorphic React), Compilers (Webpack, esbuild, SWC), Micro-services (Module Federation, Event Driven Architecture), REST APIs

CI/CD - Jenkins, Git (MonoRepos, Pipelines), TDD (Jest, PACT, Testing Library)

Other - Agile, Jira, Code Reviews, Mentorship, Technical Leadership

Employment

Sharp Gaming (Betfred) – Enterprise Betting & Gaming Platform

I have been at Sharp Gaming for over five years, working on a large-scale project to modernise the Betfred Website. Major roles for me have included leading the full stack development of a fully in-house CMS (MERN Stack), lead frontend on the games team (3rd party integrations with major providers such as Playtech, NetEnt, IGT), as well as mentoring several junior & mid developers across other teams. I am currently part of the company's upcoming Centre of Excellence team, working closely with architects on how to make the most of AWS Managed services.

2021-Present - *Lead Developer (Full Stack TypeScript)*

Leading frontend development across several teams. Defining and implementing best practices for an enterprise level codebase (scalability, testing, performance, CI/CD). Research, design, and documentation in use of future technologies (AWS services, micro-frontends, progressive enhancement). Mentoring/supporting members across multiple projects.

Skillset:
- Setup of **NodeJs** microservice API within AWS – **Lambda, CDK, ApiGateway, S3**
- Setup of CI/CD services for microfrontends - **Jenkins, Pact testing, Docker, webpack module federation**

2019-2021 - *Senior Developer (Full Stack TypeScript)*

Working as a senior member of a cross-discipline team to produce a service stack suitable for multiple gaming requirements (Slots, Live casino, Jackpots, Bingo). Full stack development to support complex gambling integrations with bespoke content management, 3rd party APIs, UKGC compliance, Responsible Gambling, KYC.

Skillset
- Custom CMS focused around games content – **MongoDb, Express, React, Node** (MERN stack).
- **React** frontend games integrations.

2017-2019 - *Web Developer (React)*

Part of the greenfield team setting up the foundations for a new cross-product platform (Gaming, Sportsbook, Account Management, Payments). Supporting senior team members in implementing future-proof React architecture.

Skillset
- **Server-Side React** app (custom **Express** based SSR app).
- **WebSocket** for real-time event odds, and **Node/Sql** data driven sportsbook

Minerva Creative (formerly LVMA) - Design Agency

2016-2017 - *Senior Web Developer (Full Stack WordPress)*

Working in a small team to produce custom WordPress websites. Balancing 3-4 sites in active development, as well as warranty support for live sites. Mentoring and assisting junior developers on best practices of development.

Skillset
- **Wordpress** small websites sites, **vanilla JS** interactivity

Red Hot Chilli Northwest - Commercial Appliance Retailer

2012-2016 - *Web Marketing Lead / Full Stack Web Designer (PHP)*

Supervising content production for sales & marketing. Unassisted full stack development of a brand-new company website from scratch. Training new apprentices with the content management system.

Skillset
- **PHP** based shopping site, **SQL** database, **vanilla JS** interactivity

Education

University of Bolton

2012 - *3D Games Art*

Bachelor of Arts (Hons) First Class

Bay House Secondary School & Sixth Form, Gosport

2009 - *A Levels*

Maths A   Graphic Design C   Physics B

2007 - *GCSE's*

12 A*-C grades, including:

Maths A*   Graphic Design A   Physics A   ICT A