

JON RICHARDS

Senior Web Developer
Tech Lead

linkedin.com/in/jon-r90
github.com/jon-r
Jon.Richards@outlook.com
07851 411 534

Accomplished and enthusiastic software engineer with over ten years of hands-on development experience. As a self-taught developer, I am proactive, adaptable and always ready to learn.

My experience includes contributing to a variety of commercial applications; from bespoke internal dashboards to full enterprise platforms that serve hundreds of thousands of active customers.

My most recent roles have included being the tech lead for mixed discipline teams. I have enjoyed both the challenge of handling multiple tech operations as well as the mentoring of junior colleagues. I like to lead by example and create a productive office environment.

SKILLS

- **Technical Leadership – 3-4 years**, Mentoring, Agile Training, Estimates, Solution Design, Workshops
- **Frontend Development – 10+ years**, Typescript, React, Redux, Vue, Vite, Webpack, HTML
- **Backend Development – 2-4 years**, Node.js, Go, C#, MongoDB, SQL, REST, GraphQL
- **AWS Cloud – 4-5 years**, Lambdas, EC2, DynamoDB, CodePipeline, Serverless Applications
- **CI/CD Practices – 6+ years**, Version Control, Unit/Integration Testing, Pipelines, Jenkins, SonarQube
- **DevOps & Infrastructure – 3+ years**, CDK, Terraform, Architectural Patterns

EMPLOYMENT

GlobalLogic (Hitachi) – Digital Consultancy

Working on a data-visualisation product for Hitachi Energy/Rail. Aggregating thousands of points of geospatial data from a wide variety of sources (power, healthcare, rail, demographics) and unifying it for real-time analysis.

2023-Present – Technical Lead

Managing 15-20 developers to present map data in a performant, highly customisable web app.

- Led solution design and development across the product, guiding FE team to build clean, scalable **React** code.
- Directing BE team (**Java**, **Python**) to optimise API performance & normalise data from mixed sources.

Mentoring 5-10 typescript developers, ranging from bootcamp graduates to senior engineers.

- **Training teams** to work in a professional environment. Helped the team complete effective **code reviews**.
- Encouraging best development & delivery practices. Advised on **branching strategies**, and **CI/CD pipelines**.
- **Mentoring** and one-to-one meetings to discuss personal development plans.
- Creating interactive (food based) demos to make learning fun and memorable.

Developing automated strategy to migrate the application for future customers

- Scripted infrastructure as code (**IAC**) pipelines with **Terraform**.
- Documented **AWS** service architecture including config, AWS build pipelines and third-party integrations.

Sharp Gaming (Betfred) – Enterprise Gambling Platform

Working on a large-scale migration project to bring the Betfred digital system fully in-house. Now fully migrated, Betfred serves tens of thousands of daily customers with a multi-million-pound weekly turnover.

2021-2023 – Lead Developer

Member of the Centre of Excellence team, working closely with enterprise architects on how to make the most of AWS Managed services.

- Research, design, and documentation for new technologies (**AWS**, **micro-frontends**, **progressive enhancement**).
- AWS Serverless Solution Design (**Node.js**, **TypeScript**, **CDK**, **ApiGateway**, **CloudFront**, **Lambda**, **S3**).
- CI/CD Implementation for microservices (**Jenkins**, **SonarQube**, **Pact testing**, **Docker**, **Module Federation**).
- Mentoring/supporting team members across ongoing delivery projects.

2019-2021 – Senior Developer

A senior member of the games team, producing a service stack suitable for multiple gaming product requirements (Slots, Live Casino, Jackpots, Bingo).

- Complex gambling integrations with strict requirements. (**UKGC compliance**, **responsible gambling**, **KYC**).
- Custom CMS focused on games content (**MongoDB**, **Express**, **React**, **Node.js**, **MERN stack**).
- Frontend games integrations (**React**, **Redux**, **REST**).

2017-2019 – Web Developer

Part of the greenfield team setting up the foundations for a new cross-product platform (Gaming, Sportsbook, Account Management, Payment System).

- Future-proof **React** & **Redux** architecture. Scalable modular codebase with high unit test coverage
- Server-Side React app (custom **Express based SSR** solution).
- **WebSocket** for real-time sport events, serving high performance betslip data.

EDUCATION

- **University of Bolton – 3D Games Art**, Bachelor of Arts (Hons) First Class
- **Bay House College – A Levels**, Maths A, Physics B, Graphics C
- **Bay House Secondary School – GCSE's**, 12 A*-C grades including Maths A*, ICT A, Physics A

INTERESTS

A positive and social team culture is important to me. I like to regularly work in office where possible, and take part in socials.

In my free time I enjoy playing board and card games with friends. I like to keep in touch with colleagues from previous jobs, and we regularly attend game nights and pub quizzes. I try to keep fit by swimming 2-3 times a week, and I also join walking trips.