



SENIOR SOFTWARE ENGINEER

MATTHEW BARCROFT

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 Matthew Barcroft

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SUMMARY

Senior Full-Stack Engineer with 9+ years delivering scalable, high-performance web and cloud applications used by millions. Specialises in React Native, AWS, and DevOps, with a strong focus on developer experience, performance, and mentoring

EXPERIENCE

Senior Software Engineer

01/2023 – Present

Flutter UK & Ireland

Leeds, UK (Hybrid)

Parent company of leading gambling brands including Sky Bet, Betfair, Paddy Power, and Tombola. Contributed to product development for both Betfair and Sky Bet.

- Led migration of React Native CI pipelines from Jenkins to GitHub Actions, reducing build times by 40% using caching techniques and optimised Docker processes
- Integrated React Native components into Betfair and Sky Bet platforms, leveraging a shared Design System to enhance consistency, performance, and user experience across products
- Designed and implemented in-house tooling to manage merge pipelines during incidents, improving developer experience, visibility and coordination for hundreds of engineers across the organization
- Optimised visual test suite performance by leveraging available resources more efficiently, significantly reducing test execution times
- Empowered junior engineers through internal mentoring scheme to improve their careers utilising skills gained with ILM level 3 qualification

Senior Software Engineer

01/2021 – 12/2022

Sky Betting & Gaming Technology

Leeds, UK (Hybrid)

Worked on multiple market leading products such as Sky Bet, Sky Vegas and Sky Casino

- Led on multiple free-to-play campaigns ran during horse racing festivals, such as the Grand National. Each campaign achieved over 500k entries peaking at 37k entries per minute.
- Played instrumental part in React Native rebuilt of legacy Sky Bet Games application hosted on AWS ECS. The resultant revenue growth has been ~90% year on year.
- Led the rebuild of a high-traffic Safer Gambling tool triggered on every game launch using AWS Lambda, ElastiCache, and Aurora. Successfully load tested to handle 6,000 requests per second, with flawless performance post-deployment
- Served as a trusted on-call engineer for 5+ years, consistently resolving high-pressure incidents promptly to maintain system stability and uptime

Software Engineer / Graduate Engineer

09/2017 – 04/2021

Sky Betting & Gaming Technology

Leeds, UK

Exposure to multiple Sky Gaming Products and promoted after a year to Software Engineer

- Successfully introduced quality and performance monitoring tools (SonarQube & Google Lighthouse) into existing CI pipeline to improve and maintain coding standards
- Participated in inception and development of React/NextJS application migrating Sky Vegas from existing legacy PHP stack, improving site performance and Usability

Student Intern

06/2014 – 06/2015

SAP SE

Dublin, Republic of Ireland

World's largest vendor of ERP software. Centre of Expertise in the Republic of Ireland. HANA DB team

- Worked within team supporting North American SAP customers through implementation strategies to safeguard DB migrations into SAP
- Included working with customers in different time zones creating migration reports and developing implementation plans

EDUCATION

Level 3 Award in Leadership & Management
Leeds Beckett University

2024

MSc – Digital & Technology Solutions Specialist (Distinction)
Sheffield Hallam University

2020

BSc – Web Systems (1st Class Honours)
Sheffield Hallam University

2016

STRENGTHS



Problem Solving

Architect scalable solutions for complex technical challenges



Full Stack Development Expertise

Build robust modern applications across diverse technology stacks



Leadership & Mentoring

ILM-certified leader who mentors team members and communicates technical concepts to all stakeholders

SKILLS

Technologies

JavaScript/TypeScript - Git - Terraform – CI/CD – Docker – Groovy

JS Frameworks

React - React Native - Next.js – Redux – Jest – RTL – WDIO

Databases & APIs

AWS Aurora - AWS ElastiCache - MongoDB – MySQL – Redis - REST - GraphQL

Tools

Jenkins – GitHub Actions – SonarQube – AWS CDK

Soft Skills

Mentoring – Collaboration – Communication – Problem Solving

CERTIFICATION



AWS - Certified AI Practitioner



AWS - Certified Cloud Practitioner



Apollo GraphQL – Graph Developer Associate



Andy McEwan Memorial Prize for Employability

INTERESTS

Travel – Running – Cycling

3D Printing