Shéa McDevitt

Full-stack Software Engineer with 4+ years industry experience

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Work Experience

April '22 - Present	**Project Ark - Fullstack Software Engineer**
	React (TypeScript), React Native, Django (Python)

Featured Project
'Source of Truth'
Problem: External client systems sync daily, often overwriting or desynchronising data updated on our side. This created inefficiencies and manual fixes.
Solution: Led a backend overhaul that:
- Standardised system states in a common format to prevent data conflicts.
- Ensured data integrity through rigorous testing and validation.
- Enabled self-service features, reducing support requests and allowing users to manage leases and residencies directly within Ark.

Hiring & Mentorship: Designed and implemented our take-home assessment for junior engineers, leading technical reviews, interviews, and hiring decisions with the CTO. Mentored and coached junior engineers through probation to self-sufficiency.

Technical Leadership: Spearheaded end-to-end testing for our React Native app using Detox, increasing release stability of our two native apps.

Product Development: Built and iterated on web and mobile solutions that scaled Helped grow our platform from 2,000 to over 10,000 monthly active residents, a mobile app that has processed 400,000+ concierge packages daily, and enhanced property management for buy-to-let landlords.

August '24 - Present	**Freelance Software Engineer**
	NextJs, Prisma, Docker

- Lead Booking Automation: Developed a Next.js lead booking portal for a marketing agency, automating appointment scheduling and CRM integration, improving lead management and conversion rates.
- Client Dashboard Development: Built an interactive dashboard for clients to track upcoming, past, and pending appointments, while providing real-time ad spend analytics using Recharts.
- Operational Insights & Performance Tracking: Implemented call outcome tracking and internal performance metrics, enabling the founder to monitor and optimise team efficiency daily.

Sep '21 - April '22	**Data Intellect - Frontend Software Engineer**
	React, Java

- Developed web applications in sprints following consultations with major global financial services clients, presenting work at the end of each sprint.
- Studied and successfully passed the AWS Certified Cloud Practitioner exam concurrently.
- Completed AquaQ's in-house training program covering kdb+, Linux, and Financial topics within the initial two months as a Kdb+ Graduate developer.

June '21 - Sep '21	**Polyloop - Software Engineer**
	Javascript, HTML, CSS, SQL

MVP Investigation and Building
- Tasked with discovery and initial development of the
- PolyLoop MVP to allow the founder to pitch for funding.

Summer 2019	**Urban Scale Interventions - Software Engineer**
	Python, OpenCV

Foyle Aware Project
Internship focused on developing the concept for a behaviour recognition model to detect and prevent suicide in public space.

Education

2017-2021	**Queen's University Belfast**
	BSc Mathematics with Computer Science (1st Class Honours)
2015-2017	**Lumen Christi College**
	A-Levels: Mathematics (A*), Computer Science (A*), Physics (A)

Skills

Languages & Frameworks
React, React Native, Django, TypeScript, Python, Next.js, Prisma

Tools & Software
GitHub, Git, CircleCI, Sentry, Figma, Linear, Expo, EAS, Docker

Libraries
Material UI, React Router Dom, React Hook Form, Zod, Lodash, Shadcn, React-Query

Interests

Running: Have ran multiple half marathons, one in aid of Movember. Working on a sub 18 5k
Hiking: Gold DofE and organised the Three Peaks challenge for Ark
Coding:
- Currently working on playshoot.co, a play-to-win rock papers scissors game
- Personal site - sheamcdevitt.com
- For more side projects - sheamcdevitt.com/projects

Bouldering & Gym