

# SHAUN MCELHINNEY

Full Stack Developer

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## PROFILE

Versatile full stack developer with experience in web, and gaming platforms. Skilled in React, TypeScript, Node.js, Java, Unity WebGL, WebSockets, and Web3 integrations. Experienced in building interactive applications, dashboards, and multiplayer experiences, with a focus on scalable, end-to-end solutions. Open to frontend, backend, full stack, and emerging tech roles.

## CORE SKILLS

**Frontend:** React • TypeScript • JavaScript • Vite • HTML5 • CSS3 • Tailwind

**Backend & APIs:** Java • Node.js • REST APIs • WebSockets • Microservices

**Databases & DevOps:** MongoDB • MySQL • Docker • Git • Bash

**3D / Gaming & Realtime:** Unity WebGL pipeline • ReadyPlayerMe integration • Real time voice & text chat • Audio/video streaming

**Platforms & Tools:** Windows • Linux • macOS • VS Code • IntelliJ IDEA • Jira • Confluence • GitHub • Bitbucket

**Emerging Tech:** Web3 wallet integrations • Metaverse platform development • AI assisted development workflows (Claude, GPT-5)

## PROFESSIONAL EXPERIENCE

### Full Stack Developer – Vegas City

*Real Time 3D Web & Gaming Platform | 2021 – 2025*

Delivered interactive platforms combining React web apps with Unity WebGL and Java microservices. Built tools and experiences for international brands including Yahoo, LaLiga, ANB, The Voice USA, Fidelity, OpenSea, and Decentraland partners.

#### Key achievements:

- Developed admin dashboards using WebSockets to control live scene content and event deployments.
- Built React + Unity WebGL platforms hosting social multiplayer games and branded metaverse experiences.
- Implemented text and voice chat systems, live streaming pipelines, and party/group features.
- Built a custom ReadyPlayerMe avatar editor integrated directly into Unity game environments.
- Created internal CMS and reporting dashboards to manage large scale content and analytics.
- Delivered production systems using React, TypeScript, Java, MongoDB, MySQL, WebSockets, and Docker.

- Integrated Web3 wallet connectivity across social gaming and marketplace projects.
- Utilized AI assisted coding workflows (Claude & GPT-5) to accelerate admin system and tooling development.

## PREVIOUS EXPERIENCE

### Full Stack Volunteer – Inside Uni Website | 2021

- Built features using **Python and Django** for the university web platform.
- Contributed to backend and frontend improvements, optimizing user workflows and content management.

### Full Stack Developer – MedBakery Website | 2021

- Developed website using **React and Node.js**, implementing interactive features.
- Focused on performance, responsive design, and full-stack integration.

### Physiotherapy Assistant – NHS Foundation Trust | 2018 – 2021

Trauma & Orthopaedics patient rehabilitation support.

### Healthcare Assistant – Prestige Nursing | 2010 – 2018

Elderly, disabilities and palliative care services.

### Sales Assistant – Nevada Music | 2006 – 2010

Retail sales and online customer support.

## EDUCATION & TRAINING

- **IT Career Switch – Full Stack Developer Traineeship (2020–2021)**
- **Microsoft 98-383 – HTML & CSS Programming**
- **Healthcare Support Worker Level 3 – 2019**
- **BTEC National Diploma – Performing Arts (Music) – [2000]**
- **NVQ Level 3 Promoting Independence – 2006**

## INTERESTS

Music performance & production • Home cybersecurity labs & learning challenges