Ciaran James McGovern

Full Stack Software Engineer

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Personal Statement

I'm a passionate Full Stack Software Engineer currently pursuing my BSc in Computing and IT through the Open University. My journey in software development is driven by an insatiable curiosity and dedication to continuous learning. I constantly challenge myself to stay current with emerging technologies, often rebuilding my knowledge from the ground up to ensure I'm working with best practices.

What sets me apart is my analytical approach to problem-solving and my strong work ethic. Beyond my technical skills, I'm deeply committed to mental health advocacy, previously running a Facebook community group. This combination of technical expertise and emotional intelligence allows me to bring a unique perspective to team environments and project development.

Technical Expertise

Core Strengths

- Frontend: React.js, Next.js, TypeScript, HTML5/CSS3, Tailwind CSS
- Backend: C# (.NET Stack, 5+ years), Node.js (3+ years)
- State Management: Redux, Zustand
- Database: SQL Server, MongoDB, PostgreSQL
- ORM: Prisma, Entity Framework

Growing Expertise

- Authentication: Clerk, NextAuth v5
- Cloud Services: Currently expanding knowledge in Azure, AWS, and GCP
- Additional Languages: Basic proficiency in Java and Python, actively learning
- Backend as a Service: Appwrite, Firebase, Supabase

- AI Integration: OpenAI, Pinecone (Recent additions to stack)

Professional Experience

Software Engineer

Technatro Ltd | July 2020 - Present

I lead the development of the flagship and bespoke software solutions, where I:

- Design and maintain full-stack applications using Next.js, React, and .NET Core
- Implement secure authentication systems with Clerk and NextAuth
- Develop database solutions using Prisma with MongoDB and SQL Server
- Create cross-platform applications including desktop (WPF, UWP) and mobile (React Native)
- Deploy and maintain applications using Vercel and Netlify

Career Break & Skills Development

July 2018 - July 2020

I took this time to focus on my health and rebuild my technical foundation. During this period, I:

- Immersed myself in modern web development technologies
- Built several personal projects to strengthen my practical skills
- Focused on learning React ecosystem and cloud technologies

Software Developer

Kaber Helm Ltd | March 2017 - July 2018

I was responsible for developing our client communication software (KaberSight), where I:

- Built real-time communication features using ASP.NET and JavaScript
- Managed MySQL databases and system optimization
- Provided technical support to clients

Hackathon Experience

AI SaaS Challenge - PAPAFAM Community | 2024
(Search: "The 5-Day Full Stack Developer AI Saas Challenge" on YouTube)

- Participated in a 5-day intensive hackathon hosted by Sonny Sangha
- Successfully integrated AI technologies into a practical SaaS platform
- Awarded community membership based on performance
- Currently contributing to a startup formed by hackathon winners
- Gaining valuable experience in:
    - International team collaboration (US, Pakistan, Nigeria, Myanmar)
    - DevOps practices using Jira
    - Advanced GitHub workflows and branch management
    - Agile development in a distributed team

Previous Experience

- Amazon | Various Contract Positions (2012-2017)
- Kettle Produce | Production Operator (June 2015 - August 2015)
- Bosch Rexroth | Quality Inspector (February 2013 - March 2013)

Education

BSc Computing and IT

The Open University | September 2021 - July 2025 (Expected)

Digital Media Computing Levels 5 & 6

Adam Smith College | August 2008 - July 2010

Standard Grade Education

Glenrothes High School | August 2003 - July 2008