



CONTACT

0746 2881 123

ryan.mckenna002@gmail.com

[LinkedIn](#) / [GitHub](#) / [Portfolio](#)

SKILLS & EXPERTISE

Full Stack Web Development: Focus on Back-end Development

Web App Development & Software Development

Test-Driven Development & Behaviour-Driven Development (BDD)

Software Quality Control, Code Review & Testing

Requirement Gathering & Analysis

Unified Modelling Language (UML) / Entity Relationship Diagram (ERD)

Complex Problem Solving, Technical Issue Analysis & Troubleshooting

Project Planning, Work Organisation & Task Prioritisation

Agile / Scrum / Kanban / DevOps

EDUCATION

MSc in Mathematics / University of Chester / 2019 – Present

BEng Software Engineering / Sheffield Hallam University / 2016 – 2019

Selected Modules:

- Advanced c++
- Internet of Things
- Dissertation in computer-vision & ML

RYAN MCKENNA

FULL STACK WEB DEVELOPER /

SOFTWARE DEVELOPER

C++ / C# / Python / JavaScript

PROFILE

Versatile and self-motivated Full Stack Web Developer currently looking for challenging B2B contracts. As a focused individual, I always strive to learn new technologies and utilise my existing expertise to design clean, functional, user-centric web applications. I instantly analyse and develop an in-depth understanding of user requirements and deliver relevant solutions accordingly. Being a strong communicator, I present highly complex technical information to non-technical audiences with ease. My natural curiosity, openness towards new solutions, and goal-oriented mindset, help me ensure that my projects are delivered on time and within strict quality standards.

TECHNOLOGIES

C++ / C# / Python / HTML / CSS / JavaScript / TypeScript / Kotlin / Amazon Web Services (AWS) / Rust / SQL / MongoDB / .Net / Django / Flask / NodeJS / ExpressJS / JQuery / VueJS / ReactJS / Redux / Pytorch / TensorFlow / LATEX / MATLAB / Automation Testing Tools: Selenium / Computer Vision: OpenCV

EXPERIENCE

WEB DEVELOPER / March 2021 – Present / Freelance

- Operating as an independent Developer focused on back-end development, building sites and web apps to strict client requirements, briefs, and challenging schedules
- Developed intuitive, responsive front-ends, and clean, functional, scalable back-ends, coding, debugging, and continuously optimising security and performance
- Provided expert hands-on technical advice, guidance, and consultancy to B2B clients, aligning relevant, viable technological solutions to ever-changing business needs

SOFTWARE ENGINEER / 2018 – 2020 / Elixir Software

- Worked through the full lifecycle of multiple projects, from concept design, through development, to testing and release: New features for ITRAX (project management system for chemists and researchers)
- Identified, recommended, designed, and created new solutions for all areas requiring modernisation, changes or further development
- Created easy to understand, clean, reusable code for future use
- Collaborated effectively within the Development Team, contributed to implementation plans, and transparently communicated progress, roadblocks, and design constraints

SOFTWARE ENGINEER / WEB DEVELOPER / 2016 – 2018 / Freelance

- Skilfully transformed client requirements into a detailed action plan, wrote clean, readable code, maintained consistency of new and existing code, and continuously optimised development processes, standards, and systems

INTERESTS

Research / Mathematics / Artificial-Intelligence / Computer Vision / Robotics: PhD TBC in 2021