

Liam McKenna - Software Engineer

Contact Information:

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Introduction:

I am a Software Engineer with a background in graphic design and a special interest in bioinformatics and proteomics data management. Over the past two years, I have worked to develop and maintain an internal data warehouse and user interface, in collaboration with data scientists, while also refining UI/UX designs. I am currently studying System Information & Information Technology at DIT Dublin, alongside my full-time work, as part of my ongoing effort to deepen my practical knowledge in Software Design and Computer Science.

Skills and Recent Tools:

Frontend	Backend	CLI & Version Control	DevOps	Design & Tools	Modeling	Project Management
HTML, CSS, JavaScript, JSX, JSON, React, Redux, Framer Motion, Next.js, Chart.js	Node, Express.js, Python, Django, DRF, Anaconda, Postgresql, SQL,	Git, GitHub, GitLab, Docker, WSL, Ubuntu,	Azure, AWS, Docker, Firebase, Netlify, Vercel,	Photoshop, Illustrator, Figma, Premiere Pro, VS Code, Trello, Datagrip, MongoDB, Atlas,	UML/ERD's	Scrum, Agile, Asana, User Stories, Stakeholder Management, Sprint Planning,

Experience:

Software Engineer, Nuritas (Oct 2021 - Present)

- Developed and maintained an internal data warehouse and user interface.
- Worked closely with Data Science teams on API and logic function construction for machine learning models.
- Led UI/UX design efforts, implementing new designs into React.
- Used Docker and GitLab for development environments and version control.
- Started as Junior Developer, promoted after a year due to demonstrated skills and dedication.

Full Stack Web Developer, Full Spectrum (May 2021 - Oct 2021)

- Worked directly with clients on full stack website applications development.
- Primarily used MERN stack with React frontend and Node/Express backend. Databases focused on SQL or MongoDB.

Web Support Intern, Glowfox (Aug 2020 - Oct 2021)

- Worked closely with B2B integration of the Glofox Web platform into the clients' dedicated websites.

- Acted as the first line of support for all web development queries.

Software Developer, Cloudtech Ltd (Jan 2020 - Feb 2021)

- Worked on custom software solutions, CRM setup & management, native & web development, project management & documentation.

1st & 2nd lvl Tech Support, Hewlett Packard Enterprise (Jun 2018 - Jan 2020)

- Provided specialist IT support to first level agents, resolving major issues with clients' software and hardware.

Audio Visual Technician, Sonics Avi (Aug 2017 - Jun 2018)

- Provided IT support to engineers and clients. Worked on building comms racks, hardware installation & setup, and cable crimping & running.

Graphic Designer & Media Manager, Sin Nightclub (May 2012 - Aug 2017)

- Had full creative control of the company with start-to-finish design projects, budget setting, cash flow management, club and event creation, and promotion and marketing.

Education:

Technology University Dublin (Sept 2018 - 2023)

- BSc in Information Tech & Information Systems (Hons)

Crumlin College (Sept 2017 - 2018)

- Certificate in Software Engineering