James Heslin

Dublin, Ireland
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Biography

I am a motivated developer who enjoys problem-solving, especially in programming, but also in build automation and release management. I most enjoy building things for people to use (be they APIs, web tools, or pipelines) and play with (such as video games or music 'toys'). My interests include listening to and making music, reading, and playing and creating video games. I have been a committed GNU/Linux user since 2007.

Education

2009 — 2013   **Bachelor of Science in Multimedia and Computer Games Development**, *University of Limerick*, 1.1 degree awarded, graduated August 2013

Experience

May 2022 — present   **Senior Game Server Engineer II**, *Scopely/DIGIT*, Dublin
Building and maintaining game design tools with Python, Docker and Qt. Working on shared libraries and web tools (Vue, TypeScript, flask). Build/pipeline management (GitLab), deployments to AWS (Terraform). Integrations with services both external (Datadog, Slack) and internal.

July 2015 — April 2022   **Software Development Engineer**, *Demonware Ltd.*, Dublin
Maintaining a mature Django project while building a new first-class API. Adding new features to a large React frontend. Managing deployments in VMs and Kubernetes. Designing and implementing new microservices.

May 2013 — July 2015   **Systems Software Engineer**, *Electricity Exchange Ltd.*, Castletroy, Limerick
Architecting, developing and maintaining web services and embedded systems for metering, monitoring, and controlling large electrical demand units (Python, Django, AWS, PHP, bash, C)

Portfolio

Selection of vocational projects

Python (2021)   Utility for translating MIDI input to game input: `github.com/PROGRAM-IX/midifighting`

Lua (2015+)   50+ games using the PICO-8 development platform: `program_ix.itch.io`

Skills

Basic   C, Rust, Go, LaTeX

Intermediate   Python, bash, Java, MySQL, HTML, JavaScript (vanilla, React, Vue)

Other Tools   git, vim, JIRA, Inkscape, Blender

References

Dr Paddy Finn   CEO, Founder, *Electricity Exchange*, +353 85 149 9257, `paddy@electricityexchange.ie`

Clement O'Donnell   Manager, *ICT Learning Centre (UL)*, +353 61 234195, `clem.odonnell@ul.ie`