

JACK LEE

Roscommon, Ireland | Email: jack@jack-lee.dev | LinkedIn: [jack-lee12](#) | GitHub: [JackLee504](#)

University of Galway Computer Science & Information Technology student with software engineering internship experience at Ericsson. Developed CI/CD tooling with Python, Jenkins/Groovy, and Spinnaker, including pipeline improvements, a major Python refactor, and release-verification checks for cloud-native services.

EXPERIENCE

Software Engineering Intern | Ericsson, Athlone, Ireland

Jan 2026–Aug 2026

- Developed and maintained Jenkins/Groovy pipeline stages and Spinnaker configurations for build, deployment, testing, and cleanup workflows; parameterised pipelines for configurable behaviour.
- Independently decomposed a monolithic 2,000+ line Python CI module into 14 modular executor-specific files, with shared functionality and runtime configuration to reduce duplication.
- Built packaging-verification stages and strengthened Artifactory/Nexus checks to identify undeclared binary content before release, supported by unit tests.

Web Development Intern | Ossark, Athlone, Ireland

May 2025–Aug 2025

- Delivered responsive PHP and SCSS updates across five client sites, translating feedback into accessible, usable page improvements.
- Diagnosed and resolved frontend issues across existing sites, improving usability without disrupting established pages.
- Collaborated on full-stack website projects through implementation, QA, and release, helping ensure changes were ready for client use.

Cashier & Customer Service Representative | Casey's Londis, Roscommon, Ireland

May 2024–Mar 2026

- Provided clear, helpful service while handling transactions and resolving customer queries in a high-volume retail setting.
- Coordinated with a small team to prioritise tasks, communicate changes, and keep checkout operations running smoothly during busy periods.

PROJECTS

Deal Ledger | Hugo, Python, GitHub Actions, Cloudflare Workers, DNS

- Built a responsive Hugo affiliate deal-discovery site with localised interfaces and market-specific routing across English, German, Dutch, and French.
- Automated Amazon candidate review, listing and price validation, builds, SEO checks, alert emails, domain and DNS configuration, and Cloudflare routing with Python and GitHub Actions.

Multi-Broker Paper Trading Platform | Python, APIs, SQLite, testing, observability

- Built a modular Python paper-trading platform for FX, CFDs, and US equities, separating strategy, execution, risk, market data, journaling, and dashboards.
- Integrated IG, Capital.com, and Alpaca paper/demo workflows with SQLite journaling, risk checks, and automated tests.

Unity Racing Game | Unity, C#, NavMesh AI, JSON and CSV persistence

- Built race and hot-lap modes with configurable lap counts, checkpoint validation, timing, reset handling, and a CSV-backed top-10 leaderboard.
- Implemented three NavMesh-controlled competitors that follow a 200+ node JSON race path, including corner-speed adjustments and respawn behaviour.

TECHNICAL SKILLS

CI/CD & Cloud-Native: Jenkins, Spinnaker, Docker, Kubernetes, Helm/Helmfile, Maven, Artifactory, Nexus

Delivery & Reliability: Git, Gerrit, Jira, Confluence, Unit Testing, Build Verification, Artifact Repositories, Quality Assurance (QA), Technical Documentation, Agile Delivery

Programming & Scripting: Python, Groovy, Bash, Java, C#, C, PHP, SQL, R

Web Development: Hugo, HTML, JavaScript, CSS, SCSS, WordPress

Engineering Foundations: Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Computer Networks

EDUCATION

BSc (Hons) Computer Science & Information Technology

Expected 2027

University of Galway | Target classification: First-Class Honours (1.1) | Selected modules: Programming III (78%), Introduction to Modelling (74%), Discrete Mathematics (72%), Networks & Data Communications (72%), and Database Systems (71%)

Leaving Certificate | Scoil Mhuire, Strokestown, Co. Roscommon | 520 points (2023)