

# Ronan Peacock

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## Graduate Software Engineer | Backend, cloud, platform and systems-focused roles

Final-year Software Engineering student at the University of Glasgow and Graduate Apprentice Software Engineer at Leidos UK with four years of industrial experience across public-sector services, legacy modernisation, cyber operations and autonomy-related engineering. Strong mix of hands-on software delivery and broad technical training across web/backend development, cloud, DevOps and release engineering, with a proven ability to adapt quickly to new technologies and delivery environments. AWS Certified Cloud Practitioner; Leidos STAR Award recipient; shortlisted finalist (1 of 3) for the ScotlandIS Digital Tech Rising Star Award.

## EXPERIENCE

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### Leidos UK — Graduate Apprentice Software Engineer

Aug 2022 – Present

- Built and shipped geospatial upload and validation workflows for the UK Next Flood Warning Service in React and Node.js, enabling emergency planners to define custom warning areas through interactive mapping.
- Delivered citizen-facing web features and bug fixes, translating designs into production code and supporting beta feedback, defect resolution and patch releases across a fast-paced agile programme.
- Worked across requirements clarification, sprint planning, demos and stakeholder communication on a public-sector service with integrated customer involvement.
- Refactored legacy C/Oracle data-access components using Oracle Call Interface, helping modernise long-lived operational code and reduce obsolescence risk in critical systems.
- Investigated obsolescence risks in a C-based leak-detection application, produced recommendations, built a proof of concept for modernised OCI usage, and documented the approach for wider rollout.
- Supported security monitoring and alert triage in a cyber operations environment using Splunk, AWS-native tooling and threat-intelligence inputs.
- Designed and ran mission simulations for a maritime autonomy programme, translating collision-avoidance research into practical engineering guidance and reusable evaluation scenarios.
- Produced technical documentation, supported knowledge sharing and helped onboard teammates through development-environment, workflow and project guidance.
- Received a Leidos STAR Award for contribution to delivery on the flood warning service.

## EDUCATION

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### University of Glasgow — BSc (Hons) Software Engineering with Human Computer Interaction

Expected Jul 2026

- Final-year student, on track to graduate in Jul 2026 with First-Class Honours; achieved the highest mark in the third-year work-based assessment.
- Degree combines software engineering with strong Human-Computer Interaction emphasis and practical release-engineering, security and research-based study.
- Relevant study includes Functional Programming, Software Product Release Engineering, Data Science, Research Methods, Mobile HCI, Conversational Interfaces and Human-Centered Security.

## TECHNICAL SKILLS

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**Languages:** Python, Java, C, C++, C#, JavaScript/TypeScript, SQL

**Web & backend:** React, Node.js, .NET, Spring, Django, Flask, REST APIs, microservices

**Cloud, DevOps & tooling:** AWS, Azure exposure, Docker, Git, GitHub Actions, GitLab CI, Bamboo, Terraform, Ansible, Linux, Splunk

**Engineering practice:** CI/CD, testing, release engineering, requirements elicitation, technical documentation, stakeholder engagement, agile delivery, legacy modernisation

## CERTIFICATIONS, AWARDS & ADDITIONAL

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**Certifications:** AWS Certified Cloud Practitioner

**Awards:** Leidos STAR Award; ScotlandIS Digital Tech Rising Star Award – shortlisted finalist (1 of 3)

**Leadership:** UK STEM Ambassador and PVG scheme member supporting school talks, workshops, mentoring and office visits

**Languages:** English (native), Greek (conversational), French (basic – actively learning)

**Additional information:** Holds current UK Security Clearance (SC) and experience working in security-sensitive, regulated engineering environments.