

# MORGAN PURKIS

## Full-Stack Developer

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### Summary

**Full-Stack Developer** with 5 years' total coding experience. I am adaptable, analytical and assertive. I thrive under pressure. I enjoy working as part of a team, especially in a mentoring capacity. I love learning to use new technologies, even in my spare time.

### Experience

**Intermediate Developer** Apr 2024 – Present  
Light & Wonder

- Primary role is to develop web games with input from adjacent teams i.e. design, art, math, backend, QA, compliance, marketing.
- Secondary role is to develop our proprietary tech ecosystem i.e. PixiJS game framework, React Chrome extension, QA web tooling.
- Since being rapidly promoted, my responsibilities also include hosting meetings, mentoring juniors and conducting interviews.
- Led development of 4 web games, including one flagship IP that tripled revenue to £5.6m in the South African market in Dec 2025.
- Pioneered the use of untapped tech e.g. Python to write DevOps scripts, PostgreSQL instead of Excel to collate game results.

**Trainee Developer** Apr 2023 – Apr 2024  
IT Career Switch

- Developed full-stack projects e.g. Gazetteer, Company Directory.
- Completed numerous full-stack training courses.

**Freelance Developer** Aug 2021 – Apr 2024  
Independent

- Delivered web solutions for small businesses e.g. Kelly's Kollars.
- Gained Arduino/ESP32 embedded development experience.

### Projects (on GitHub / website)

- **Gazetteer:** web app for country geographical profiling that uses a raw CSS/HTML/JS frontend and a PHP backend.
- **Company Directory:** web app for CRUD company admin that uses a raw CSS/HTML/JS frontend and a PHP/MySQL backend.
- **Bounding Box Tool:** cross-platform app for object detection dataset creation made with Kivy/Python.
- **Kelly's Kollars:** website for dog-walking company (freelance client) that uses a raw CSS/HTML/JS frontend and a PHP backend.
- **Platoomer Bot:** web app for processing PlanetSide 2 API data that uses a raw CSS/HTML/JS frontend and a PHP backend.
- **E-Commerce App:** web app acting as an e-commerce template that uses a React frontend and a Express.js backend.
- **Appskell:** app dev framework made with Haskell/GLFW.

### Skills

**Languages:** CSS, HTML, JavaScript, TypeScript, C, C++, C#, Dart, Java, PHP, Python, Ruby, Haskell, GLSL, SQL.

**Technologies:** AJAX, Arduino, Bluetooth Sockets, Bootstrap, Chai.js, Chart.js, Express.js, Fetch, Flutter, Git, GLFW, jQuery, Kivy, Leaflet, Mocha.js, MySQL, Node.js, OpenCV, Passport.js, PHPMailer, PixiJS, PostgreSQL, Raspberry Pi, React, Redux, Ruby on Rails, Strudel, SuperTest, TensorFlow, Tidal Cycles, Web Sockets.

**Software:** Atlassian Suite, Draw.io (useful for UML modelling), Figma, GitHub, Jenkins, Postman, Hostinger, Netlify, Wordpress, Copilot (not reliant on it though).

**Methodologies:** Agile, waterfall.

### Education

**Codecademy course x 8:** Bootstrap, C#, jQuery, Node.js, PHP, Python, Ruby, Full-Stack Engineer Career Path.

**Open University course x 6:** Introduction to Software Development, Approaches to Software Development, Software Development for Enterprise Systems, Machines Minds Computers, Electronic Applications, Introduction to Cyber Security.

**EPQ:** 5000-word research paper on United Nations peacekeeping

**A Level x 3:** Law, Music, Politics.

**GCSE x 10:** Biology, Chemistry, Computer Science, English Language, English Literature, Geography, History, Maths, Music, Physics.

**Other qualifications:** UK Driving License, ABRSM Grade 5 Theory, ABRSM Grade 8 Flute, PADI Open Water Scuba Diver Certification.

### Pastimes

Algoraving, bouldering, cooking, DJing.