

# Ben Swenson

## Software Engineer | Java Developer

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## Professional Profile

SC-cleared Software Engineer with 2+ years' experience delivering secure, mission-critical systems for UK Government clients. Strong background in Java, Spring Boot, microservices, and CI/CD within Agile environments. Experienced in supporting live systems, resolving complex production incidents, and collaborating across multi-disciplinary teams. Motivated to contribute to cloud-based, data-driven solutions within the defence and intelligence domain, with a strong willingness to learn and work across the full technology stack.

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## Security Clearance

### Security Check (SC) – Current

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## Technical Skills

### Programming Languages

Java, Python, JavaScript (working knowledge), PHP

### Frameworks & APIs

Spring Boot, RESTful APIs, microservices

### DevOps & CI/CD

Jenkins, Git, Maven, Docker, Kubernetes

### Cloud & Infrastructure

AWS (foundational experience), containerised deployments

### **Testing & Quality**

JUnit, Test-Driven Development (TDD), debugging, code quality practices

### **Data & Persistence**

SQL databases

### **Engineering Practices**

Agile Scrum, incident management, secure development, stakeholder collaboration

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## **Professional Experience**

### **Java Engineer**

#### **Sparta Global / PA Consulting – UK Government**

*2022 – Present*

- Designed, developed and maintained Java/Spring Boot microservices supporting high-volume immigration and digital identity platforms.
- Supported live, mission-critical systems, diagnosing and resolving complex production incidents impacting national services.
- Implemented software enhancements and internal tooling to improve operational performance and reduce incident resolution times.
- Worked closely with cross-functional teams including engineers, product managers, analysts, and external government bodies (DWP, HMRC, NHS, DVLA, Border Force).
- Ensured high code quality through TDD, automated CI pipelines, peer reviews, and disciplined version control.
- Utilised Jenkins, Git, Maven, Docker, and Kubernetes within a fast-paced Agile delivery environment.
- Operated safely and effectively within highly secure environments requiring SC Clearance.

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### **Director & Editor**

#### **Fruit Tree Films**

*2014 – 2021*

- Delivered commercial video projects for clients including Birmingham City FC, Goodyear Dunlop, and Coventry University.
- Managed end-to-end delivery, client engagement, scheduling, and quality assurance.
- Developed strong communication, ownership, and problem-solving skills transferable to technical delivery roles.

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## Television Production Roles

**Various Broadcasters (Channel 4, ITV, Channel 5, A&E, History Channel)**

2008 – 2013

- Contributed to nationally broadcast factual and documentary programmes.
- Worked effectively under pressure in deadline-driven, high-trust environments.

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## Education & Training

- **Programming Skills Bootcamp** – University of Gloucestershire (2022)
- **DevOps, CI/CD (Continuous Integration / Delivery)** - Udemy (2021)
- **Learn Java Unit Testing with JUnit & Mockito** - Udemy (2021)
- **Java Programming Masterclass** – Udemy (2021)
- **Web Development Course** – Udemy (2020)
- **CS50: Introduction to Computer Science** – Harvard University (2020)

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## Projects & Technical Highlights

- Built full-stack applications using JavaScript, Node.js, PHP, and MySQL, including a car-sharing platform and productivity tools.
- Developed interactive browser-based tools and games using HTML5, CSS3, jQuery, and Canvas.
- Applied software engineering fundamentals including OOP, data structures, and clean code principles across personal and professional projects.