

# FILIFE BRITO FERREIRA

## Senior Full-Stack Engineer

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### SUMMARY

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Senior Full-Stack Engineer with 11 years building streaming platforms, real estate marketplaces, and AI-powered products. Proven track record delivering scalable systems across React, TypeScript, Node.js, Go, and AWS at companies including Sky, Roku, and Property Finder.

### EXPERIENCE

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#### Full-Stack Engineer

##### Property Finder

07/2025 - Present Dubai, UAE

- Drive SEO optimization across the core website, cutting search page load time by 33% and achieving record share of voice in organic search. Recognized by the CEO as an exceptional result.
- Lead the UGC (User-Generated Content) feature from initial design through to production, covering the content pipeline, moderation system, and frontend display.
- Coordinate SEO strategies with 5+ external stakeholders for third-party applications.
- Mentor 2 junior engineers on React, TypeScript, and performance patterns.
- Optimize CMS API response time from 500ms to 5ms (99% improvement) on SEO-critical endpoints.

#### Senior Software Engineer (Full-Stack & Platform)

##### Roku

02/2023 - 07/2025 Manchester, UK

- Led design of AI chatbots that reduced customer support tickets by 40% and improved satisfaction by 25%.
- Architected scalable media web frameworks supporting 5M+ daily active users across 10+ device platforms.
- Integrated advanced LLMs (Claude V2, GPT-3/4) into production systems, achieving 95% accuracy in customer query resolution.
- Mentored 3 junior developers and contributed to architectural decisions that reduced development time by 30% for new features.
- Partnered with 12+ cross-functional engineers to improve customer satisfaction and platform reliability.

#### Software Engineer (Streaming Platform)

##### Sky UK

09/2018 - 02/2023 London, UK

- Developed and maintained 5 streaming applications (Sky GO, NOW TV, NOW, Peacock TV, Sky Showtime) serving millions of daily users.
- Built CI/CD pipelines and development tooling that reduced deployment time by 60% and improved engineering productivity across 5 teams.
- Architected a GraphQL middleware layer achieving 99.9% uptime and 50% reduction in API response times.
- Implemented analytics and monitoring solutions across multiple streaming platforms and 12 European territories.
- Led European market consolidation, reducing 12 separate territory apps into 2 unified platforms (83% less code to maintain).

#### Front-End Engineer

##### Love Holidays

06/2018 - 08/2018 London, UK Contract

- Developed 3 new booking flow features for a high-traffic travel platform processing 10,000+ daily transactions.
- Implemented A/B testing using Google Optimize, driving a 15% improvement in booking conversion rates and reducing bounce rates by 12%.

#### Web Developer

##### SCL Group

06/2015 - 05/2018 London, UK

- Delivered 8+ full-stack solutions using MEAN stack for data-intensive analytics applications.
- Built the Pangea data matching platform processing 10M+ records daily with sub-second response times.
- Implemented AWS infrastructure solutions and Kubernetes orchestration, achieving 99.9% system uptime.
- Developed DevOps tooling that reduced deployment time by 80% through automated CI/CD pipelines.
- Led Drupal 8 migration projects, modernizing legacy content management systems for improved scalability.

### SKILLS

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#### Frontend

React, TypeScript, JavaScript, Next.js, React Native, Web Performance, Accessibility (a11y), Design Systems

#### Backend

Node.js, GraphQL, Go, Scala, REST APIs, PostgreSQL, MongoDB, Redis

#### Cloud & DevOps

AWS, Kubernetes, Docker, CI/CD (GitLab, GitHub Actions), Terraform

#### AI & ML

LLMs (GPT, Claude), OpenAI API, Chatbot Development

#### Tools & Process

Git, Jira, Confluence, Agile / Scrum

#### Leadership

Technical Leadership, Mentoring & Hiring, Roadmap Planning, Code Review & Architecture

## EDUCATION

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### Post Graduate Program in AI & Machine Learning - AI & Machine Learning: Business Applications

University of Texas at Austin, McCombs School of Business

2025 - 2026 | Austin, Texas, United States

GPA: 4.0

### Extended Diploma in IT - Information Technology

West Thames College

2013 - 2015 | London Rd, Isleworth TW7 4HS, United Kingdom

### High School Diploma

Rivers Academy West London

2009 - 2013 | Tachbrook Rd, Feltham TW14 9PE, United Kingdom

## CERTIFICATIONS

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### IBM Applied DevOps Engineering

IBM

### IBM DevOps and Software Engineering

IBM

### Google IT Automation with Python

Google

### Google Cybersecurity

Google

### IBM AI Developer

IBM

## AVAILABILITY & LANGUAGES

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**Location:** Dubai, UAE | **Remote:** Yes | **Relocation:** Yes | **Travel:** Yes

**Languages:** English, Portuguese, Spanish

**Work Locations:** United States, United Arab Emirates, Portugal