

FILIPPE BRITO FERREIRA

Senior Full-Stack Engineer

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SUMMARY

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

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

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

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

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

Location: Dubai, UAE | **Remote:** Yes | **Relocation:** Yes | **Travel:** Yes
Languages: English, Portuguese, Spanish
Work Locations: United States, United Arab Emirates, Portugal