

Russell Beattie

Technical Product Manager & Developer Advocate

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SUMMARY

Technical Product Manager, Developer Advocate, and Startup Founder specializing in emerging technologies across web, mobile, consumer electronics, and AI tools. Experience includes product management from inception and technical definition through launch, developer outreach, public speaking, technical writing, full-stack software development, and entrepreneurship.

CORE SKILLS

AI & LLM Development	AI-Assisted Development, Prompt Engineering, Context Engineering, LLM APIs (Anthropic, OpenAI, Gemini), RAG / Embeddings / Vector DBs, AI Agents, Tool Calling (MCP), Model Evaluation, Conversational and Voice AI (ASR / TTS)
Development & Cloud	Android / Java, NodeJS, Python, Web (HTML, CSS, JavaScript), XML/XSL, DBMS / SQL, AWS, Git
Product & Business	Product Planning and Launch, PRFAQs, Agile Methodology, Prototyping, Analytics / Metrics, BOM Estimation, UX / UI Design
Developer Relations	Technical Evangelism, Developer Outreach, Public Speaking (media-trained), White Papers, Internal Stakeholder Management, Partnerships
Platforms & Media	Smart TVs, Smart Displays, Smartphones / Tablets, Embedded Devices, Voice UI (Alexa), Streaming (HLS, DASH), ATSC 3.0, Advertising (VAST, VPAID), Mobile Web

PROFESSIONAL EXPERIENCE

Founder | Attendant.ai

Los Altos, CA | 2025 - Present

- Founded an AI company building conversational assistants for public-facing kiosks, targeting museums, visitor centers, and information desks.
- Designed and built the prototype end-to-end: speech-to-text intake, RAG over institution-specific content, and conversational UI, using NodeJS, TypeScript, React, Chromium, and both local and cloud-hosted LLMs.
- Engineered for reliable public deployment, addressing response latency, ambient noise handling, multilingual visitor support, session isolation and timeout, content guardrails, and accessibility.

Independent Research and Development | Self-Directed

Los Altos, CA | 2021 - 2024

- Self-directed research and prototyping across web, mobile, and emerging AI technologies, tracking the shift to large language models, speech interfaces, and retrieval systems.

Senior Product Manager - Technical | Amazon Lab126

Sunnyvale, CA | 2017 - 2021

- Managed product development and served in technical roles for the FireOS web technologies group.
- Authored detailed product plans (PRFAQs) and communicated the implementation of new technologies, including ad tech and streaming media.
- Built Android application prototypes utilizing advanced web engine features.
- Delivered internal presentations, conducted technical demos, and supported QA and customer support workflows.
- Contributed to core products including Amazon WebView, Web App Starter Kit, Watch & Shop / ShopKit, Amazon Channel Creator, Web Videos for Echo Show, Apps for FireOS devices, and YouTube for Fire TV.
- Led prototyping and early development for IMDb TV (later Amazon Freevee), Amazon News for Fire TV, CBS Sports for Fire TV, and NextGenTV (ATSC 3.0).

Technical Evangelist | Amazon Lab126

Sunnyvale, CA | 2013 - 2017

- Secured over 1,000 Fire TV applications for the Amazon App Store, assisting with major apps serving millions of customers.
- Drove developer outreach, education, and evangelism for web applications on Fire Tablets, Fire TVs, and Echo devices.
- Authored blog posts and white papers and acted as speaker at industry events such as Streaming Media East, AWS re:Invent, and the Adobe PhoneGap conference.
- Worked with major media networks, including CBS, BBC, Scripps (Food Network), and Google (YouTube), to resolve technical issues and align product ideas.

Marketing Technologies Manager for CTO | Nokia Research Center

Palo Alto, CA | 2008 - 2012

- Collaborated with the CTO, academic partners, and researchers to promote Nokia's technological innovations.
- Authored white papers, executive speeches, and strategic web content to highlight research and development breakthroughs.
- Designed and managed the primary NRC website, developed internal applications, and facilitated the web publication of technical research papers.

Founder and Developer | Mowser.com

Menlo Park, CA | 2007 - 2008

- Built startup web service focused on converting standard web pages for mobile device screens.
- Led the company through its acquisition by dotMobi.

Mobile Strategist for Office of CEO | Yahoo!

Sunnyvale, CA | 2004 - 2006

- Provided strategic guidance and technical education regarding the latest mobile technologies to the CEO and senior leadership.
- Assisted executive leadership in the sourcing and selection process for the head of the mobile division.

Senior Java Developer | WaveMarket

Emeryville, CA | 2003 - 2004

- Developed backend Java architecture for first-generation location-based services application.

eBusiness Consultant | Independent Contractor

Madrid, Spain | 2000 - 2003

- Consulted as a Java and mobile technologies developer for multiple international businesses.
- Delivered technical solutions for Intabia, TerraLycos, Telefonica I+D, Adecco, and Orcom.
- Conducted business fluently in Spanish.

Developer and Consultant | Various Companies

San Francisco, CA | 1994 - 2000

- Built full-stack web, Java, Lotus Notes, Relational Databases, and Microsoft solutions.
- Completed major projects for clients including Lotus Development (IBM), Xerox Connect, BabyCenter.com, LookSmart.com, Organic Online, and Proxicom.

PATENTS

- **US10049381B2: Mobile monetization** - A device, system, and method directed towards facilitating monetization of mobile devices.
- **US8843560B2: Social networking for mobile devices** - A mobile device, system, and method for display of live views generated by employing social networking information, including moods, avatars, and member activity status.

EDUCATION

Communications | Keene State College

Keene, NH | 1990 - 1993

Languages: English, Spanish (fluent)