Sean Green · Software Engineer

Expert and proven engineer with over 25 years of hands-on experience across world-leading tech companies. I deliver customer value with cutting-edge web tech, pragmatic leadership and engineering culture. My work is fuelled by a life-long passion for information and communications.

Key skills

Javascript / Typescript / React / Node / Deno / Web / Mobile / Automated testing / Accessibility / Design / UX Leadership / Strategy / Engineering Culture / Team Building

» Principal Engineer - Holland & Barrett — Jan 2021 to May 2025

- Leading front end development of cross cutting concerns, auth, monitoring, deployment, pipeline, build.
- Leading development of colleague facing workflow management application, using web fundamentals to integrate workflows across over 60 applications in a decoupled manner. Built with React, react-query, Zod, Node, MUI, Playwright and Cypress.
- Instilling engineering culture. Creating recruitment strategies to grow 10x. Leading by example to improve customer value, speed of delivery and engineering quality by training and coaching engineering techniques, testing strategy, reliability, scalability, security, correction of errors, engineering best practices, interview techniques, operational excellence, monitoring, deployment and cost/benefit critical thinking. Curating, hosting and presenting organisation wide Tech Show & Tell sessions.
- Interim manager (8 months) of a high performing team of 7 engineers, successfully delivering 3D Space & Range optimisation solutions into the retail organisation.
- Inaugurating and leading the Principal/Engineering Manager & Front End Engineer guilds to improve cross team awareness, coaching and address cross cutting concerns centrally across the tech organisation.
- Organisation and facilitation of organisation wide technology and learning platform adoption trials.

» Software Development Engineer II - Amazon — Nov 2016 to Jan 2021

- Delivery and launch of Alexa voice experience within the Amazon app for Android and iOS in the US and India (Java & Objective C).
- Spearheading design and development of new features using React and React Native to benefit from cross platform development and streamlined deployments to customers.
- Development of isomorphic web framework using React and Redux allowing flexible client or server side product rendering catering for a wide range of device capabilities.

» Senior Software Development Engineer - Microsoft (Skype division) — Jul 2012 to Aug 2016

Developing Skype web client and integrating Skype into Microsoft web products: Outlook, Office365, Messenger, etc...

- Javascript application development on Skype & Outlook.com. Making key architectural decisions. Mentorship.
- Delivering new features and components using ES6 with Typescript and porting existing JS components.
- Inventing developer tooling to improve developer experience and productivity.
- Leading accessibility planning and development within the product. Championing accessibility efforts within the team.

» Front End Developer - BBC (Live events London Olympics 2012) — Oct 2011 to July 2012

Front end development of highly accessible Olympic live events video player and event schedule.