Matt Benton <m@mattb.tech>
Senior Software Engineer, Bristol, UK

Senior developer and tech-lead with 10 years experience at Amazon behind me.

During that time I worked in many different areas of the business, with a bias towards product-focused full-stack engineering.

Leadership

Leading and building teams, with a focus on high standards, mentorship, positive culture, and hiring.

Team building   Team direction and mission   Mentoring   Interviewing / Hiring   Product ownership

Pull requests   Linting   Testing   Pairing   Continuous integration/deployment

Front-end

Worked with foundational web technologies, modern technologies and frameworks.

HTML   CSS   Javascript   React   Typescript   Next.js

Back-end

Built and operated many services and back-end systems. Responsible for design, code, reliability, and infrastructure.

Service-oriented-architecture   Infrastructure-as-code   Serverless   Node   Java   AWS   Google Cloud
Lambda   Kubernetes   CDK / Cloudformation   GraphQL   Rest   NoSQL   SQL

🌿 Work: Ecologi

Zero Team — Tech Lead   2022-current   Bristol, UK

Building an emissions calculations tool to help businesses work out their carboon footprint.

More to come...

⬚ Work: Candide

Gardens Team — Senior Engineer `2021-2022` `Bristol, UK`

Building and operating a ticketing platform for gardens and heritage attractions.

↠ Created framework for building multi-page forms in React, first used to deliver support for selling tickets as gifts. `Typescript` `React` `Next.js` `Chakra UI` `Cypress`

↠ Lead on key integration with third party ticketing solution, enabling rapid addition of new features to the platform. `Product ownership` `Service-oriented-architecture`

↠ Defined new approach to tech interviewing, including defining technical questions and introducing structured behavioural interviewing method. `Interviewing` `Hiring`

▦ Work: Amazon/IMDb

Publishing Team — Sr. SDE `2019-2021` `Bristol, UK`

Tech lead on a team working on how IMDb data is made available to both internal and external customers.

↠ Led the way on migrating the whole of IMDb to a federated GraphQL architecture, with more than ten services, across many teams, federated within the first six months. `Typescript` `Node` `GraphQL` `Serverless` `Lambda` `DynamoDB`

↠ Launched new data products for external customers, key to the growth of this area of IMDb's business. `Documentation` `Java` `AWS` `S3` `SNS` `SQS`

↠ Qualified Amazon "Bar Raiser", meaning I was responsible for ensuring a high quality interview process and facilitating the final decision. Performed over 300 interviews for Amazon across many organizations and roles, both tech and non-tech. `Interviewing` `Hiring`

Website Team — Sr. SDE `2016-2019` `Seattle, WA`

Tech lead building and operating IMDb's high scale website.

➥ First engineer into a new team, defining direction and mission, and later expanding to multiple teams. `Leadership` `Product ownership` `Hiring`

➥ Started a pattern library such that a new design could be rolled out consistently across hundreds of pages. `React` `Sass`

➥ Designed an approach to breaking down IMDb's monolithic website application into a suite of applications owned by vertical program teams. `Java` `Microservices`

Content Team — SDE `2011-2016` `Bristol and Seattle`

Working on how data is contributed to IMDb, and how it is vetted for accuracy.

➥ Tech lead on a project to enable customers to upload images to IMDb for the first time, resulting in millions of images being uploaded.
`Service-oriented-architecture` `React` `Java`

➥ Owned the process of creating company-wide Java and Javascript coding standards, writing significant portions of the documents as well as gathering input from others and resolving disagreements. `Java` `Javascript`

⚜ Education

MEng Computer Science 1st class from University of Bristol `2007-2011`

➥ Scholarships for academic achievement from UBS Bank and Mysis Foundation.

➥ Netcraft award for best Computer Scientist in the second year.

➥ Won EPSRC summer bursary to develop work on "Vision based exploration for wheeled robots" (2009).

Bog-standard UK education `Childhood onwards`

GCSEs, A Levels, etc.