

Benjamin (Ben) Howe RITTech MBCS

www.beh.uk

An adaptable engineer with experience in a variety of languages. In his spare time, he enjoys learning new technologies and working on various side projects.

Professional Experience

American Express – Senior Engineer (Developer Enablement) Since 2022

- Built a repository scanning tool to identify teams adhering to best practices and those needing more support. Used “nudges” to help teams reach 90+% positive behaviours.
- Developed “the Amex Way” documentation and shared it organically over 200 times.
- Created various Slack “workflows” saving approximately 1,000 hours of engineer time.
- Ranked in the top 40 across the company for socially responsible open source contributions.

American Express – Backend Engineer 2020-22

- Collaborated with various teams including InfoSec and CI/CD to enhance tools.
- Trained mainframe colleagues in modern technologies, including Java, Jenkins, and BDD.
- Built a reusable library to enable Slack alerting without depending on the pod networking.
- Designed a "Codility" assessment for global graduate and intern recruitment.

American Express – Engineer 2018-20

- Cleaned code and added additional tests to improve reliability and development speed.
- Designed a technical test for apprentice candidates, to ensure that all discovery day attendees have strong technical ability. Chaired a panel to review submissions.
- Participated in the UK Product Summit Dream Team twice, leading ~20 graduates in 2019.

University of Reading – Demonstrator 2017-18

- Contributed to various first- and second-year lab sessions, including authorising marks.

Junction11 Radio – Head of Technology 2016-17

- Led the development, documentation, and maintenance of the entire technology stack.
- Spearheaded the successful implementation of IPv6 across the studio.

American Express – First Foundry Analyst, Technology 2016

- Became an internal expert on the Elastic Stack and helped lead an internal hack day.
- Created and deployed to production a Kibana dashboard to monitor SLA compliance.

Mythic Beasts – Software Developer 2014-15

- Led a research project on HHVM; increased the transactions per second by 600%.

Wolfpack Fashion – Director of IT 2012-13

- Set up a website and online store, ensuring compliance with PCI-DSS.
- Won multiple awards including Best Young Enterprise Company and Best IT.

Education

Professional Registered IT Technician, DevOps Engineer (Level 4), CompTIA Security+.

Academic The University of Reading: BSc (Hons) Computer Science, first class honours.
Achieved the RED award (employability skills certificate) three times.