Jeff Fowler

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EXPERIENCE

Workday - via acquisition of Peakon

Senior Software Development Engineer
Apr 2021 - Present

Founding member of the "Backend Foundation" team, which provides core platform support to the engineering and product organizations.

We operate highly autonomously, primarily on a Node.js monorepo, with a focus on stability and scaling.

- Currently working on sharding the database and ORM to 'solve' scaling for our application.
- Worked with US-based teams to adopt a new bidirectional authorization system. Championed and wrote an authentication library implementation that allowed us to avoid dependencies that would have resulted in significant long-term maintenance costs and burdens.
- Primary owner of a critical user provisioning subsystem, which required massive scaling to accommodate larger companies with up to nearly a million employees on the high end.

Peakon

Senior Software Engineer
Mar 2020 - Apr 2021

Software Engineer
Sep 2017 - Mar 2020

Full-stack product engineer with movement towards more backend specialization. Peakon was a fast growth, high execution startup and was acquired by Workday.

- Technical lead on a cross-functional product team access rights project. Added new dimensions to a highly dynamic and contextual access control system with no incidents.
- Retrofitted scheduling systems to be timezone aware through a refactoring of the backend and jobs code.

Etsy

Software Engineer
Jun 2014 - Jul 2017

Full-stack product engineering. Worked with senior colleagues to successfully launch two ancillary products to Etsy's core marketplace: Etsy Wholesale, and later, Etsy Manufacturing.

- Both were greenfield projects within an established organization, designed to give power sellers somewhere to grow to by offering either wholesale through our platform or skilled manufacturing and fabrication services to other designers.
- Engineering rotations on frontend infrastructure and storage teams. PHP and javascript.

EDUCATION

The Recurse Center
Feb 2014 - May 2014

A "writers' retreat for programmers"

New York University
Jan 2010 - Jan 2012

Masters of Music, Jazz Guitar Performance

University of North Carolina at Chapel Hill
Sept 2001 - Jan 2006

Bachelor of Arts, English Literature
Bachelor of Arts, Music