**Brent Scheffler**

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I'm a backend focused **engineering manager** specializing in service oriented architecture including micro-services. I have **over 18 years of experience** as an engineer with a breadth of knowledge that matches. I've worked for small and large companies across a variety of fields and products. I am **results oriented** with a **strong bias toward action** without sacrificing quality.

**Ethos**

**Engineering Manager**, January 2022 - Present

Ethos is an online life insurance provider with a mission statement of "protecting the next million families."

* Manage a team of five engineers across back end & front end
	+ Educate and level-up team with weekly group“brown bag”sessions focused on software engineering theory, new technologies, and best practices
	+ Regular 1:1s with team members to help mentor and guide them in career growth
* Identify and execute on opportunities to iterate on team process and development to deliver better results with better efficiency
* Work with stakeholders on major projects to identify dependencies and potential breaking changes and coordinate work streams and timelines to achieve deadlines
* Designed and lead technical initiative of integrating Tomorrow (see below) and Ethos systems and users
* Lead a team in the first major initiative of migrating legacy systems to an event driven architecture in Golang, backed by Kafka
	+ Legacy service went from 3 hour latency of data processing down to 25 seconds
	+ Code architected in a scalable, reusable, and easily extensible solution to be used throughout org to help bootstrap other teams in adopting event driven pattern
* Member and contributor to Engineering Review Board, focusing on infra, architectural, and operating excellence and planning across company

**Tomorrow Ideas** (acquired by Ethos)

**Director of Technology**, November 2016 - January 2022

Tomorrow was a start-up dedicated to making sure every American has access to a legal Will and Trust backed with the financial security of a life insurance policy.

* Active role on acquisition team, focusing on documenting tech stack, infrastructure, practices, data flow, and responding to due diligence questionnaires.
* Oversee technical and architectural decisions across organization, manage security audits, compliance, and remediation.
* Focus on optimizing and improving code quality and deployment process by using continuous integration and deployment with Github, Travis CI, and AWS.
* Lead initiative to break apart monolithic application into various API and event processing micro services using containers in ECS.
* Lead, managed, and mentored a team of five engineers on both front and back ends, fostering a culture of empathy, trust, and collaboration.
* Established best coding and engineering practices with required unit testing, static analysis, dependency CVE scanning, and a“schema first”approach for both APIs and events.
* Architected and built initial monolithic API using a RESTful (RMM Level 2) design pattern.

**Zulily**

**Sr. Software Engineer** August 2012 - November 2016

Zulily is an online retailer offering daily deals for Moms on everything from children's clothing, toys, furniture, and lots more.

* Lead development of payment related backend services
	+ Versed in SOX and PCI compliance
* Lead initiative to build a unified API around a large body of fragmented legacy code.
* Built mobile API from ground-up to support new version of mobile apps (iPad/iPhone & Android).

**Playmark**

**Sr. Software Engineer**, April 2012 - July 2012

Playmark was a start-up focused on simplifying the NFL licensing process by creating a completely digital experience.

* Lead development on and completed mobile app API.
* Event tracking integration using KissMetrics.
* Implemented significant gains in application performance by integrating various caching strategies (APC and Memcache.)
* Tracked performance gains using New Relic service.

**Wonderful Union**

**Software Engineer**, June 2008 - April 2012

Wonderful Union is a social media and community engine for artists and celebrities and their fans with features like member accounts and profiles, blogs, discussion forums, ticketing & VIP experiences, and merchandising. I lead the developers and direction of development of all company projects. Significant projects included:

* Internal business management system (user and admin management, product, inventory, and warehouse management, order fulfillment, customer support, financial reports, etc). Built in ZendFramework.
* End-to-end redesign and implementation of company order fulfillment process: including restructuring data model, integrating 3rd party shipping APIs, and setting up warehouse hardware.

**WindowsSecrets.com**

**Web Developer**, June 2005 - June 2008

The Windows Secrets Newsletter was a weekly e-mail newsletter about security related issues, especially in Microsoft products, including reviews of the latest patches from Microsoft.

* Maintain and manage web site and e-mail servers
* Develop new applications and automate day-to-day business practices
* Web server is RHEL5 with Apache, MySQL, and PHP
* Notable projects: extracting static archived HTML content into indexed & searchable content persisted in a database
* Parsing of HTML files to extract data using regular expression pattern matching

**KEXP 90.3 FM**

**Web Intern**, May 2005 - June 2005

Assist the webmaster with all aspects of web development on KEXP.org, both external and internal sites. Site developed in ASP, SQLServer, and JavaScript. Last project included developing content for wireless devices such as cell phones and PDAs.

**Cal Poly Humboldt / ITS Department**

**IT Assistant**, May 2002 - May 2003

Administered and maintained lab servers and workstations for the College of Natural Resources and Sciences. User profile management via Windows NT PDC and Linux file servers via SMB and NFS. Built dual boot (XP and Linux) workstation prototypes and imaged entire labs using Ghostcast. Various hardware upgrades and installations when needed. Responded to faculty and student trouble-tickets.

**Cal Poly Humboldt / CS Department**

**Internet Teaching Lab T.A.,** August 2001 - May 2003

Installed, configured, and prepared labs for instructors. Lab contains enterprise networking equipment (Cisco 7000 series routers and 3Com, Cisco, and HP managed switches) for student and faculty use. Lab is isolated from campus backbone allowing students a hands-on approach to networking and faculty a chance to design labs that would otherwise compromise security. Administered RedHat Linux DNS, DHCP, and SMB file servers as well as dual boot workstation image management. Repairing and reconfiguring equipment after each lab session.