

Andrew Tribone

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Pragmatic software engineer and leader passionate about clean architecture, test driven development, FLOSS, privacy, reliability, and scalability. Looking for a full-time software development opportunity at a technology driven company.

X Delivery

Distinguished Software Engineer

September 2020 — December 2021

- Technical lead and manager of 4 software engineers, 1 product manager, 1 DevOps engineer, and 1 IT professional.
- Participated in executive meetings and planning.
- Built data ingestion and API for parcel tracking which processed tens of millions of ingestion events per month.
- Built webhook notification system which pushed ingested tracking data to third-parties and customers.
- Scaled API application (NodeJS & MongoDB) to handle over 1000% growth year-over-year.
- Migrated web server and database from EC2 to ElasticBeanstalk and MongoDB Atlas, respectively.
- Implemented structured logging using Logz.IO for requests and general application logs.
- Built ETL framework to manage the entire data-pipeline in Python. The system extracted from and loaded into a variety of technologies, e.g., SFTP, MongoDB, S3, Redshift, etc.
- Implemented Scrum process for engineering and business stakeholders.
- Managed and implemented SOC II gap analysis and remediation.
- Open-source contributions to `sqlalchemy-reshift`, `nock`, and `luxon-business-days`.

EasyPost

VP of Product

February 2020 — August 2020

- Member of the executive team.
- Built and maintained strategic initiatives backed by a long-term product roadmap.
- Implemented Scrum across the entire engineering and product department.
- Operated as the product owner for the Infrastructure and US Carriers engineering teams. Major deliverables include application sharding and UPS Digital Access Program.
- Implemented regular communication with executives, and other stakeholders, regarding the roadmap and its progress.
- Developed a regular OKR process for the product management team and individuals to continue to assure a metrics-based approach and to drive career development.

Director of Product

December 2018 — February 2020

- Founding member of the Product Management organization at EasyPost.
- Implemented scalable internal processes for customer escalation management, internal and external feature requests, vendor reviews, etc.
- Improved existing products and built new market-defining products with a focus on making data-driven decisions.
- Grew the team to 10+ product managers and designers.

Principal Software Engineer

January 2018 — December 2018

- Day-to-day operator of the Engineering team, head of technical support, and lead application developer.
- Built the first version of our warehouse management system, order management system and transportation management system. Deployed and operated in four warehouses across the country, shipping hundreds of thousands of packages per month.

- Scaled shipping API to support tens of millions of labels generated and hundreds of millions of inbound and outbound requests per month.
- Hired and managed, directly or indirectly, several dozen engineers.

Senior Software Engineer

February 2014 — Jan 2018

- Application developer focused on infrastructure related projects, e.g. service-oriented architecture, message queues, testing and software design.
- Introduced and scaled **beanstalkd** message queue that was responsible for processing hundreds of millions of jobs per month. Contributed to open-source projects related to **beanstalkd**.
- Deployed EasyPost's first microservice which grew to over 200.
- Contributed heavily to system monitoring through structured logging and statistics collection. Our ELK stack processed hundreds of millions of requests per day, and we collected thousands of distinct time series metrics.
- Guided planning and architecture of refactoring monolith in to multiple microservices.

Yelp

Software Engineer

January 2012 — January 2014

- Application developer focused on B2B APIs for data ingestion and syndication.

University of Pittsburgh

BS, Computer Science