

Cass Barnard

Senior Software Engineer & Scrum Master - pronouns: they/them - casseia93@gmail.com - (410) 570-0875

SKILLS

Advanced: Node.js, MongoDB, Typescript, Kafka, React, Express, Next.js, C++, C#, Java, Agile & Scrum, Excel.

Proficient: Neo4j, Coffeescript, Python, Scala, Erlang, Managed C++, SQL Server, Oracle.

EXPERIENCE

Sourcemap (Series B) - Senior Software Engineer - Remote - April 2023 - July 2025

Used Typescript Node.js, MongoDB, and React on supply-chain transparency platform to develop general and bespoke features through full product life cycle. Mentored junior engineers through the development process from architecture to production.

- (Led) Greenfield admin portal, increasing customer support team's velocity in making changes to accounts and resulting in 40% faster platform adoption rate.
- (Led) Notification-oriented microservice enabling automated emails and reminders, increasing user engagement by 30% in first month.
- (Led) Facilities-oriented feature enhancing map capabilities by distinguishing between multiple business locations, adopted by 85% of users in first quarter.
- (Assisted) Kafka pub/sub system, refactoring microservice communication, increasing platform stability by >300% in first quarter of use.
- (Assisted) Trader request feature allowing users to comply with EUDR regulations, preemptively adopted by ~10% of customer base in first quarter offered.
- (Assisted) Integrated near real time news feature, informing users of crucial supply-chain related events, set standard for microservice architecture allowing for streamlined creation of future services.

Lever (Series B, C, acquired 2022) - Software Engineer & Scrum Master - Remote - October 2019 - April 2023

Used Typescript Node.js, Express, and MongoDB on a candidate sourcing platform to integrate with high-valued partners and develop features through full product life cycle.

- Implemented new backend Node.js service to index collections in Elasticsearch using Kafka messaging, significantly improving application performance.
- Led integration project with Job Boards Aggregator from inception to delivery, was adopted within first two weeks of launch.
- Wrote large-scale bespoke migrations for enterprise customers.
- Decommissioned legacy queue-based task-processing system by extracting all calendar API-based tasks to scalable microservice.

BJSS, Software Engineer Consultant - New York, NY - October 2017 - October 2019

Thomson Reuters - **Software Developer & Scrum Master** - June 2018 - October 2019

- Designed, developed, and tested relationship-trading system connecting banks and their customers on enterprise platforms using Java, Oracle, and proprietary REST-like messaging system.
- Designed and implemented automated onboarding tool to expedite client's growth.

Goldman Sachs - **Internal Technical Auditor** - November 2017 - May 2018

- Assessed technical controls of major internal systems, including data reconciliations, regulatory compliance reporting, and data validation.

Fiserv, Software Developer & Scrum Master - Baltimore, MD - June 2015 - October 2017

- Oversaw and implemented packaging of reconciliation product into SASS environment, enabling first SASS adoption of the product.
- Designed and developed client-facing financial reconciliation software in the form of a Windows desktop application and a corresponding web application using C++, C#, Java, Managed C++, and both Oracle and SQL Server databases.

EDUCATION

Certified Scrum Master - Scrum.org - 2017

DePauw University, Bachelor of Arts - Greencastle, Indiana - 2015

Dean's List with Major in Mathematics, Minor in Computer Science, and concentration in Theater.