

Brad Melin

<https://github.com/ny0m> / brad@proto.club

Experience

Senior software engineer at [SoundCloud](#), a music streaming service

September 2023 - present

- Working on keeping abusive content off the platform.
- Teaching Go to engineers at the company.

Tech stack: Go, Scala, AWS, GCP.

System lead at [Fraugster](#), a fraud-prevention startup

October 2020 - March 2023

- Leading development, product, and adoption of graph processing across the company.
- Building tools for machine learning and analytics teams to help them simulate and model fraud.

Tech stack: Go, Python, Parquet, Presto / Athena, Kubernetes, Helm, Kafka.

Staff software engineer at [Bain & Company](#), a management consultancy

September 2019 - September 2020

Technical lead on projects that solved business problems for large corporates, and coached data scientists in my team to be more effective programmers.

Tech stack: Python, Go.

Full-stack engineer and technical team lead at [Luno](#), a cryptocurrency exchange and wallet

February 2018 - July 2019

Learned how to lead a cross-functional team, and maintain company culture during rapid growth. Created and delivered a series of talks to help train our non-technical staff on the tech that we used.

Tech stack: Go, TypeScript, MySQL, gRPC, Protocol Buffers, Angular, AWS, Jenkins.

Co-founder and consultant at Octarine, a web development studio

June 2016 - January 2018

Built a small software design and development firm from scratch. I was responsible for many parts of the business, including payroll, finances, hiring, and training. Managed the entire lifecycle of projects, from pitching to delivery.

Full-stack engineer at [Logimeter](#), a telecommunications company

November 2014 - May 2016

Wordpress developer at [Firing Squad](#), a web design agency

December 2011 - October 2014

Technical writer at [Laragh Courseware](#)

November 2010 - November 2011

Open-source contributions

- [Django SQL Explorer](#): [Added Django 2.0 compatibility](#)
- [Django](#)
 - [Fixed a bug in contrib.postgres](#)
 - [Added the StrIndex database function](#)
- [Open edX](#): Various bugfixes and improvements
- [REM unit polyfill](#): [Added media query support](#)

Education

- Licensed Scrum Master at [Scrum Inc.](#): January 2020
- [Deep Learning, a 5-course specialisation by deeplearning.ai on Coursera](#): October 2018 - April 2019

- Bachelor of Arts at the University of Cape Town: 2007 - 2009

Languages

English: Native. **German:** Intermediate. **Afrikaans:** Elementary.