

Vincent Marger

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EXPERIENCE

Meta

New York, NY

Software Engineer

August 2017 - present

- Independently executed the integration of acquired startup technology into Facebook, Instagram and Oculus, in order to power the launch of Music for the first time at Meta, a multibillion-dollar investment
- Built ingestion services and systems from the ground-up in **Python** and **Hack/PHP**, enabling the ingestion and processing of millions of sound recordings, delivered by Music Labels
- Built rights management and copyright systems in **Hack/PHP** for processing tens of millions of user-generated videos daily and hundreds of millions of dollars monthly
- Built in **Python** the ingestion video pipeline processing hundreds of millions of dollars of videos funded content investment across Facebook and Oculus products
- Participated in multiple DDEX forums about ERN, DSR and other music industry formats

Source3 (acquired by Facebook/Meta)

New York, NY

Chief Technology Officer

February 2016 - August 2017

- Built a one-of-a-kind global copyright music database and infrastructure; which automatically parsed, aggregated and fact-checked hundreds of data sources and millions of data points daily
- Built the entire technology stack from the ground-up, from **Go** microservices to **React** applications, as well as DevOps on **AWS** (EC2, S3, RDS, EBS, SQS, Redis)
- Led the tech and product teams to hire, strategize, prioritize and iterate on products development

Dailymotion

New York, NY

Software Architect

February 2014 - February 2016

- Designed and built from the ground-up the **Python** microservices fleet used to process, aggregate and report tens of millions of advertisements data points hourly for thousands of advertisers
- Designed and built from the ground-up the **Go** microservices fleet used to handle invoicing and billing of thousands of users for millions of dollars, while maintaining functioning legacy **PHP** tools and processes
- Built microservices' API, allowing interactions with internal and external customers
- Built automatic provisioning, maintenance, deployment and monitoring of development, staging and production environments to streamline operations of a team of 20 engineers

Bespoke Global

New York, NY

Software Engineer

July 2013 - February 2014

- Rebuilt and redesigned the **rails** e-commerce website from the ground-up
- Built the **ruby** application to automate the creation of all operational documents (flyers, sales, invoices)

Chefday

New York, NY

Co-founder / CTO

July 2012 - July 2013

- Raised seed investing round
- Built all technology, including the **rails** e-commerce website and the backend to automate food ordering, packing and delivery
- Managed all the tech and product team operations (hiring, development, testing, scrum, devops)

Credit Suisse
Software Engineer

New York, NY
July 2010 - July 2012

- Maintained the **C#** applications used by derivatives traders to price credit default swaps (CDS) and bonds
- Built the **C++** end-of-day CDS clearing to the Intercontinental Exchange, London Clearing House, and Eurex
- Built the javascript application used by traders to process and analyze end-of-day CDS clearing data

Stevens Institute of Technology
Research Engineer

Hoboken, NJ
February 2009 - July 2010

- Built a **C++** 3D military agent simulation to predict and anticipate hostile behaviors in moving crowds
- Built a **javascript** social online drawing application used to gather and study people's decision making skills

EDUCATION

Stevens Institute of Technology, *Hoboken, NJ*
Master of Science in Information Systems

2009 - 2010
GPA: 3.75/4

EPITA, *Paris, France*
Master of Science in Computer Science

2004 - 2009
GPA: 3.85/4