

# BASTIAN KUBEREK

Software Engineer

+1 (631) 276-2221 • bkuberek@gmail.com • bkuberek.com • linkedin.com/in/bkuberek • New York, NY



## EXPERIENCE

### Senior Software Engineer

Spotify, Podcast Mission

05/2022 - 12/2023 New York

- Developed podcast creation APIs and audio processing pipelines for the new mobile app for podcast creators.
- Collaborated in the development of an Actor Strike Tracking system for content policy enforcement with the Content Integrity Team.
- Participated in the on-call rotation for podcast systems, including Joe Rogan releases.
- Proposed and researched WebRTC features for collaborative podcast hosting.
- Led a team of 3 engineers in evaluating WebRTC service providers and building Proof of Concepts for iOS, Android, and Web.
- Mediated contract negotiations between Legal, Security teams, and LiveKit.

**Environment:** Java, Go, Node.js, Typescript, Next.js, React, Kubernetes, PubSub, BigTable, BigQuery, Protobuf, gRPC, WebRTC, FFmpeg, AWS, GCP, Fastly, Terraform

### Senior Software Engineer

Spotify, Data & Insights

01/2019 - 04/2022 New York

- Led the design and development of a Data Usage and Discovery platform for data scientists that ultimately led to a dramatic improvement in the quality of data and insights used by leadership to make business critical decisions, building trust in our data driven approach.
- Advocated for standardization in the software stack to reduce technical debt, improve software quality and create cross-team alignment.
- Transitioned old systems into microservices and reallocated ownership based on team missions.

**Environment:** Java, Scala, Python 3, Typescript, Next.js, Kubernetes, gRPC, GraphQL, PostgreSQL, BigQuery, Spanner, Elasticsearch, Dataflow, Scio, PubSub, Protobuf, Avro, GCP, Puppet

### Backend Engineer

Spotify, Data Mission

01/2017 - 01/2019 New York

- Designed and developed a knowledge graph (Lexikon) integrating user research and data catalog that enabled data scientists to relate research to datasets, discover relevant research and data, and connect with topic experts.
- Collaborated with Product Owner on technical requirements and project roadmaps.
- Acted as the technical point of contact and owner for team deliverables.

**Environment:** Java, Python 3, Typescript, React, Kubernetes, gRPC, GraphQL, PostgreSQL, BigQuery, Spanner, Elasticsearch, Dataflow, Scio, PubSub, Protobuf, Avro, Tableau, Qlik Sense, Google Analytics, GCP, Puppet, Linux

### Systems Engineer

Spotify, Internal IT

04/2015 - 12/2016 New York

- Developed and operated internal IT systems for Single Sign-On, Identity Management, Access Control, including hosting of Jira, Confluence and GHE.
- Led a team of 4 in integrating Workday, LDAP, Salesforce, and other internal systems.

**Environment:** Python 2/3, Javascript, Typescript, React, RabbitMQ, Memcached, Kubernetes, PostgreSQL, Shibboleth, SAML, LDAP, Workday Soap APIs, Jira, Confluence, Github Enterprise, Jenkins CI, Google Analytics, GCP, Puppet, Bare Metal

## SUMMARY

Specializes in developing high-performing distributed web and mobile applications. Designs scalable web services to support various applications and tools. Works across teams to eliminate obstacles, promote collaboration, and ensure alignment for optimal efficiency in software development.

## LANGUAGES

Portuguese	Native	◆◆◆◆◆
English	Proficient	◆◆◆◆◆
Spanish	Advanced	◆◆◆◆◆
Italian	Intermediate	◆◆◆◆◆

## SKILLS

Linux • Systems Administration • Systems Design  
Software Lifecycle • Agile Method  
WebRTC • gRPC • GraphQL • PubSub  
PostgreSQL • MySQL • Spanner • Neo4j • BigQuery  
Java • Quarkus • Spring Boot • Keycloak  
Python • FastAPI • Flask • Pyramid • Django  
Javascript • Typescript • React • Next.js  
Ansible • Puppet • Terraform  
Docker • Kubernetes • Declarative Infrastructure

## ACHIEVEMENTS

### Data Discovery

Worked with Product and Data Science to design and develop an app that enabled the discovery of datasets based on search keywords and filters, which drastically helped boost the quality of data and insights for the org.

### Company Dashboards

Designed and developed the primary data visualization platform for Spotify used from 2011 to 2017.

### HR Integrations

Integrated HR System across third party services using LDAP and custom software providing seamless employee access across all systems and streamlining onboarding of new hires.

## Software Engineer

Spotify, Analytics

10/2011 - 03/2015 New York

- Designed and developed a company-wide Data Visualization platform that remained in effect for over 6 years before being replaced by Tableau and Qlik Sense.
- Collaborated with Data Engineers on data warehousing applications and APIs.
- Built a web application for running Hive queries on Hadoop with real-time progress tracking.
- Mentored new team members and contributed to team growth.
- Introduced the Symphony PHP framework to the web team who used it to create a brand new site that was statically rendered, replacing the old wordpress site, significantly improving page loads and site performance, which led to increased user engagement.

**Environment:** Python 2, Django, PHP, Symphony, Javascript, Angular, Memcached, PostgreSQL, MySQL (MariaDB), RabbitMQ, Hive, Hadoop, Tableau, Qlik Sense, Google Analytics, Puppet, Bare Metal

## Web Developer

Resolute Digital

08/2010 - 08/2011 New York

- Develop and maintain web applications for clients using open source and proprietary technologies.

**Environment:** PHP, Symphony, Javascript, Prototype, jQuery, HTML 5, CSS 3, MySQL (Percona, MariaDB), Shared Hosting, ImageMagick, Google Analytics, VPS, SVN, Git

## Web Developer

Vibe Media | Access Network <sup>1</sup>

08/2009 - 08/2010 New York

- Developed user facing features and administration tools for local search platforms.
- Designed and developed whitelabel module for branded local search applications.
- Wrote automated tasks for creating and managing platform modules and features.

**Environment:** PHP, Symphony, Expression Engine, Code Igniter, Javascript, Prototype, jQuery, HTML 5, CSS 3, MySQL (Percona), Memcached, ImageMagick, Google Analytics, VPS, SVN

## Web Developer

BlackBook Media

12/2007 - 08/2009 New York

- Developed plugins and integrated applications to drive usage and improve marketing.
- Implemented proven SEO techniques, doubling page views in a couple of months.
- Managed website analytics, ad tags and sitemaps.
- Developed multiple product microsites for clients such as Ray-Ban, Calvin Klein, Hennessy and Grey Goose.

**Environment:** PHP, Symphony, Expression Engine, Code Igniter, Javascript, Prototype, jQuery, HTML 5, CSS 3, MySQL (Percona), ImageMagick, Google Analytics, VPS, SVN

## Webmaster / IT Technician

NY Arts Magazine

01/2007 - 12/2007 New York

- Redesigned and developed company websites using opensource technologies.
- Designed and developed client websites and email marketing campaigns.
- Implemented and maintained intranet network and file server.
- Ported all accounts from shared hosting to a remote dedicated server.
- Responsible for domain registrations and DNS.

**Environment:** PHP, Joomla, Wordpress, Drupal, Javascript, Prototype, jQuery, HTML 5, CSS 3, MySQL (Percona), Shared Hosting, Google Analytics, VPS, SVN

## STRENGTHS

### Troubleshooting

Attention to detail and meticulous investigative approach to finding issues

### Learning New Technologies

Special talent for quickly learning and integrating new technologies

## PASSIONS

- ✿ Building Things
- ✿ Riding Motorcycles
- ✿ Climbing, backpacking and Camping
- ✿ Playing Musical Instruments

## OTHER EXPERIENCE

Prior to working in Tech, I have also worked doing Upholstery for interior design and automotive projects in East Hampton, NY. We worked with clients such as Seinfeld, Steven Spielberg, Sara Jessica Parker, Howard Stern and Jack Nicholson.

During my time in the Hamptons, I was a member of a Brazilian Samba band and we performed all over Long Island.

I have 5 sewing machines at my home workshop and my daughter and I enjoy making clothing and apparel.

## ABOUT ME

I am Brazilian and I have lived in NY for 23 years. I am blessed to have met many wonderful people along the way, who believed in me and helped me to get to where I am today. From interior design, to construction, I have done a little bit of everything.

I am a proud father of two young adults. I love being out in nature and playing music. My simplest pleasures are walking barefoot and being by the water.

In my journey, I hope to inspire and to be a role model for the young. I believe we lead by example and that change starts with oneself. I see a beautiful world, full of potential, and I plan to be intentional about the seeds I plant.

<sup>1</sup> Formerly known as BlackBook Media