

Filipe Fonseca

Tech lead and software engineer building music technology

contato@filipefonseca.com filipefonseca.com linkedin.com/in/filipedfs github.com/filipedfs

São Paulo, Brazil

I'm Filipe Fonseca, a tech lead at SuperSim in São Paulo, Brazil. I trained and worked as a conductor at the University of São Paulo before moving into software, and today I build music software of my own: Grammar of Music, Virtual Choir and Sheet Music Stores.

SOFTWARE EXPERIENCE

SuperSim

São Paulo fintech that offers personal loans.

Tech Lead	Present
Software Engineer	Nov 2021
Junior Software Engineer	Feb 2021 – Nov 2021
Junior Business Analyst	Jul 2020 – Feb 2021

Independent products

Music and productivity products I design, build and run end to end: Flutter apps, Next.js sites, Spring Boot services and their Kubernetes infrastructure.

Founder and developer May 2020 – Present

- Virtual Choir Creator: more than 50,000 downloads on Google Play.
- Grammar of Music: bilingual music-theory platform with interactive tools, courses and a tutor.
- Sheet Music Stores: compares sheet music editions and prices across stores.
- Wayfinder: life-planning app published on Google Play in 2026.

PRODUCTS

Grammar of Music • grammarofmusic.com

Learn, practise and discuss music theory in English or Portuguese: an encyclopedia, interactive tools, ear training, courses with spaced repetition and a tutor that explains every answer.

[Next.js](#) • [TypeScript](#) • [Supabase](#) • [Tone.js](#) • [VexFlow](#) • [Claude API](#)

Virtual Choir Creator • Google Play 2020

Each singer records their part at home over a guide track; the app synchronises the takes and renders the whole choir as a single grid video.

[Flutter](#) • [Dart](#) • [Kotlin](#) • [Android Media3](#) • [Firebase](#)

Sheet Music Stores • sheetmusicstores.com 2021

Find a piece and compare its sheet music editions, arrangements and prices across the stores that sell it.

[Next.js](#) • [React](#) • [Spring Boot](#) • [Kubernetes](#)

Wayfinder • Google Play 2026

A life-planning companion: values, mission, vision, goals and habits across eight areas of life, revisited in daily, weekly, quarterly and annual sessions.

[Flutter](#) • [Dart](#) • [Drift](#) • [Firebase](#) • [Spring Boot](#)

Finale Scripts • GitHub 2017

Scripts that automate repetitive engraving tasks in the Finale music notation software.

[FinaleScript](#) • [Lua](#)

MUSIC EXPERIENCE

FEA-USP Choir

Choir of the School of Economics, Business and Accounting of the University of São Paulo.

Conductor

Oct 2018 – 2022

- Kept the choir rehearsing online during the pandemic, with weekly vocal warm-up videos.

Comunicantus: ECA-USP Choral Laboratory

Choral teaching, research and performance laboratory of the Music Department of ECA-USP.

Content manager (scholarship holder)

Feb 2019 – 2020

- Produced content, social media and the website of the Comunicantus Chamber Choir teaching project.
- Shared conducting and vocal preparation of the USP Senior Citizens' Choir with the student team.

Singer, Madrigal Comunicantus (basses)

2017 – 2019

Teaching assistant and conducting intern

Feb 2009 – Dec 2014

- Conducted student and community choirs at the Comunicantus Festivals of 2010 and 2014.
- Engraved the scores of the Cadernos de Repertório Coral Comunicantus.

USP Chamber Orchestra (OCAM)

Chamber orchestra of the School of Communications and Arts of the University of São Paulo, directed by Gil Jardim.

Assistant conductor

Feb 2016 – Jun 2018

- Conducted the orchestra at the Theatro Municipal de São Paulo, the Auditório Ibirapuera and the Instituto Tomie Ohtake.
- Worked on programming, press relations and programme notes.

Archivist

Feb 2015 – Jan 2016

Projeto Guri

Music education programme of the State of São Paulo for children and teenagers.

Brass teacher and conductor

Aug 2006 – Dec 2009

EDUCATION

Bachelor of Business Administration, School of Economics, Business and Accounting (FEA)

2017 – Dec 2021

University of São Paulo (USP)

Master of Music (Musicology), School of Communications and Arts (ECA)

Feb 2016 – Nov 2018

University of São Paulo (USP)

- Thesis: a critical edition of Henrique Oswald's opera Le Fate from the autograph manuscripts, advised by Susana Cecilia Igayara-Souza.

Bachelor of Music in Conducting, School of Communications and Arts (ECA)

2008 – 2015

University of São Paulo (USP)

- Orchestral and choral conducting.

PUBLICATIONS

Ópera Le Fate de Henrique Oswald: edição crítica a partir dos manuscritos autógrafos

2018

Master's thesis, School of Communications and Arts, University of São Paulo

Erros e variantes na edição de excertos da ópera Le Fate de Henrique Oswald (1852-1931)

2016

XXVI Congress of ANPPOM (Brazilian Association for Research and Graduate Studies in Music), Belo Horizonte; with Susana Cecilia Igayara-Souza

RECORDINGS AND EDITIONS

Sons sobre Tons - Criações Musicais sobre Ideias Visuais

2020

Orquestra de Câmara da ECA-USP (OCAM), Gil Jardim · Assistant conductor

Editions published by Cantabile Edições Musicais

2016

Henrique Oswald, Le Fate (excerpts); Henrique Oswald, Ave Maria; Carlos Gomes, Ave Maria; Filipe Fonseca, Eu canto

SKILLS

Programming languages: Java, Kotlin, Dart, TypeScript, JavaScript, Python

Backend and data: Spring Boot, Node.js, PostgreSQL, MongoDB, Redis

Mobile and web: Flutter, Android, Next.js, React, Tailwind CSS

Infrastructure: Docker, Kubernetes, GitHub Actions, AWS, Google Cloud, DigitalOcean

Music: Orchestral and choral conducting, Arranging, Music engraving, Critical editing, Finale

LANGUAGES

Portuguese (Native) · English