

Stavros Barousis

stavrosbarousis.com | [LinkedIn](#) | [GitHub](#) | [Leetcode](#)

Location: Athens, Greece
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SOFTWARE ENGINEER

Hardworking, enthusiastic and committed software engineer. Seeking to expand my knowledge of software development in order to grow and expand on the skillset that I have gained through my experience in the Tech Engineering sector.

TECHNICAL SKILLS

Most experienced: Ruby, Ruby on Rails, Appian BPM Suite, Java, Spring Boot (MVC, Data, Security), SOAP / REST APIs, Javascript, React, Redux, Express.js, Node.js, Git, Elasticsearch, Kafka, Redis

Some experience: Python, SSIS, HTML, CSS, PHP, MongoDB, MariaDB, C, C#, C++, Unity Graphics Engine, OpenGL, Lua

EXPERIENCE

Backend Software Engineer

Skroutz S.A.

Oct 2023 – Present

Hybrid – Athens, Attiki, Greece

- Worked together with very talented Frontend & Backend Engineers, as well as Product Managers & Graphic Designers
- Designed and implemented 2+ Deals and Coupon Deals e2e solution for the whole platform (architecture, merchants tools and front presentation)
- Designed and implemented interest-free installments for merchants core subscription plan
- Currently working on commercial events tooling and growth for both merchants.skroutz.gr and skroutz.gr
- Currently being part of the internationalization project that is running on Skroutz

Information Technology Staff

Greek Army

Jan 2023 – Oct 2023

On Site – Kos, Southern Aegean, Greece

- Installing, configuring, monitoring and maintaining computer hardware, software, systems, networks, printers and scanners
- Responding in a timely manner to service issues and requests
- Training junior staff

Technology Consultant / Software Engineer

EY

Mar 2021 – Jan 2023

Athens, Attiki, Greece

- Worked in an agile environment with multicultural teams
- Designed and implemented three full-scale applications (backend and frontend) in Appian BPM Suite for one of the biggest banks of Greece
- Reverse engineered obsolete processes written in Java and implemented them from scratch using SQL Server Stored Procedures with focus on performance and query optimization
- Created SOAP APIs and integrations between the Appian server and other systems of the bank (CRM, external client website)
- Developed SSIS packages and performed data migration from AS400 DB2 database to Microsoft SQL Server

EDUCATION

University of Patras

Integrated Master of Engineering (MEng) on Electrical and Computer Engineering

Patras, Western Greece, Greece

Oct 2014 – Oct 2022

Master Thesis: Design and Development of Educational Computer Game in the Field of Physics

PROJECTS

- Tunify** *Java, Android, Git* [Source Code](#)
Open source Guitar Tuner Android application. It is developed implementing the Yin algorithm for pitch detection.
- Solar Dawn** *Unity Game Engine, C#, Git* [Source Code](#)
Educational Physics Video Game. Build as part of my Diploma Thesis at University of Patras, Department of Electrical and Computer Engineering
- Ray Casting 2D** *Java, LibGDX, OpenGL, GLSL, DDA Algorithm, Git* [Source Code](#)
Wolfenstein clone written in LibGDX (Java open-source 2D and 3D graphics library that utilizes OpenGL). For the ray casting the Digital Differential Analyzer Algorithm was implemented
- Pizza Cat** *Java, LibGDX, AI Pathfinding, Git* [Source Code](#)
Entry for Ludum Dare 53 Game Jam (built in a weekend) within the theme "Delivery". Created in Java using LibGDX library. Implemented AI Pathfinding for intelligent movement of NPCs
- stavrosbarousis.com** *Javascript, React.js, HTML, CSS, PHP, Git* [Source Code](#)
Personal website was built using Javascript and React Native. Also, created REST APIs to fetch data for the site (Currently under development)
- Infinity Game Engine** *Java, OpenGL, GLSL, Computer Graphics Engine Architecture, Git* [Source Code](#)
Custom Java OpenGL 2D Game Engine. Exploring 2D and 3D graphics fundamentals and how computer graphics engines work under the hood (Currently under development)
- JunkieMusic** *Javascript, Node.js, FFmpeg, Git* [Source Code](#)
Discord bot that automatically searches youtube for a specific song and streams it live in a virtual chat room