

CURRICULUM VITAE for candidate SAVVAS KEFALAS

Personal Information

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Nationality	Greek
BirthDate	09/07/1978
MotherLanguage	Greek
Languages	English - business jargon
Driving License	B class (car)
Military Obligations	Completed
Capability to Travel	Yes

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Working Experience

Year	Employer	Employer's Industry	Position/Role*	Main specs & activities
2025- Today	spitixorismesiti.gr	Real Estate Ads	Full stack develop/ Laravel developer	Feature Designer: • Adsense • Email Marketing • API bridge:Soft1 ERP, Cardlink\Eurobank ,mortgage calculator • UX\ responsive Front-end(.js\.css) improvements • Database Migrations/Indexing Analyst: • Dashboard Maintenance • Performance Indexes • Trends\Forecasts • Querying LLMs
2022- 2024	Free lancing projects: brightProject budgetForecast	Project Management \ Generic	Freelancer	brightProject app Version2 was developed. It included Risk management, Earned value with S-curves and correlation among KPIs budget.Forecast app autonomous version was developed ...it now includes Cross-Validation and box-Cox transformations to the (1-variable-histrforecast)

2021	Blue Titans Hospitality	Tourism-Short term rental	Υπάλληλος – VBA-Programmer- Analyst	Apart from data-entry duties, I developed some In-House Apps for: Warehouse Monitoring app for 'Amenities' with Lots, Fifo, Multi-Stock Keeping Units (MS-Access) and data entry form (Google Sheets) Automated Email Sending in a cleaning service firm whenever bookings occurred that changed the schedule (With periodic check for new bookings in our calendar-sync-provider software (which is a site that offers Web API data access service). It was done with the help of PowerQuery in MS-Excel) ...And assembled some reports: For Revenue analysis for the peak season. It included pivot tables, descriptive statistics, histograms with classes for numeric data (I appended 3 KPIs to the existing table) and charts for non-numeric data. Clusters and trends or normality were not detected . Web analytics with Google Data Studio for users, views, sessions with characteristics psychographic, geographic, age-sex as well as device and operating system
2020	Free lancing project brightProject	Free lancing project	Free lancing project	Reading and Research for the reporting Programming generator in MS-Access that creates (heavily interconnected) interactive reports in excel. Per report: Creating Interactive Gannt charts, Engineering Human Resource

				allocation on roles and activities(using genetic algorithms) Engineering monte carlo simulation (Calculating possible time and cost to complete a project) Externing Tolerance & variance, KPIs per activity Implemented using VBA, MS-Access and MS-Excel
2018-2020	Free lancing project budget.Indicators & budget.Cashflows (balanced scorecard-KPI analytics & cash-accounting respectively)	Information Systems	Programmer	Designing budget.indicators application version 1 research and collection of indicators for each aspect of a firm(customer) Designing of the 3rd version of budget cashflows • Cost-based rather than cashflow based • Inventory Handling and BoM.suggested cost allocation • Improvements to second version ie added saved filters
2016-2017	Free lancing project budget.Cashflows	Information Systems	Programmer	Inflow-outflow application : budgetCashflows version 2 ----- Saving & Combining Filters Dealing with short – term liquidity policy , credit-debit model and Cash Cycle ROI per order Implemented as an outlook Add-In – coded in C#, Visual studio
2015	Free lancing	Information	Programmer	Inflow-outflow application :

	project budget.Cashflows	Systems		budgetCashflows version 1 ----- with reports for aggregation, (based on categories or time interval) break even point, debit credit model, predictions for cashflows All reports based on sections of the flows made with filtering records Implemented as an outlook Add-In – coded in C#, Visual studio
2015	MIK3	Information Systems	Programmer	Application to fill in database data on MS-Word files (contracts) Implemented with C#, MS- Word, MS-Access
2015	Assel	multimedia and interactive Learning Software	Programmer	Development of games : Spot the differences and Word guess games Implementation with C# with extra forms for entering data on Compact SQL .sdf database
2014	MIK3	Information Systems	Programmer	A schedule for Amstels' Salesmen. A clustering and routing PoC was developed. Periodic visits, Working hours constraints and time spend on each point-of-sales made the project more challenging. Implementation with hierarchical clustering and genetic algorithms for routing & Bing maps for visualization. All these in visual studio C#

2014	Artefact	Creative Technologies	CMS-Developer	WordPress BLOG portal for start-up support .hosting videos, Questions & Answers discussions, Self-Assessment questionnaires and security that allows only entrepreneurs-users access to these services Implemented with bootstrap, WP_Queries,Q&A plugin,php
2013	i4g Consultants	consultants	Analyst Jr	Analysis of country potential and mode of entry for a software suitable for civil engineers on behalf of 3p. Implementation with different alternatives based on ranks of criteria tied with micro-scheduling of sales potential, ad expenses and HR allocation
2012	Artefact	Creative Technologies	Web developer	Development of viewer-editor for pictures portfolio. Components of the viewer-editor app, which acts like a Content Management System, included .html blocks, images, links,quotes Implementation with .php, MySQL and jQuery (Tiny MCE,LightBox)
2012	MIK3	Information Systems	Programmer	Truck Stops clustering and Truck routing within the cluster designed with k-means clustering and shortest path algorithms Implementation with .Net Maps, C# .extra forms with maps for entering co-ordinates and presenting routes.Storage on Compact SQL .sdf database

2011	MIK3	Information Systems	Programmer	Small projects: 1)R&D for AudioStreaming&crossfade 2)GUI Design for Android 3.2 application 3)Track GPS stops with c#,Javascript & googleMaps 4)WebSite reporting with ASP MVC,C# applying CrystalReports & JQuery & mime binary Launcher; 5)ErrorHandling dll for friendlier messages from Sql server and Oracle
2010	Free-lance		Junnior Analyst/ Programmer	1)Project management software with Gannt, PERT, acceleration, cash-flows, beta 2)Allocation of HR to roles or tasks (achievable with job rotation and scores per role/task) 3)Accounting accounts→marketing accounts Implemented as such:Data-entry in Access, report on Excel...apps available at the software section of personal site
2008-2009	MIK3 for DODONI	Information Systems for milk industry	Junnior Analyst/ Programmer	TimeSeries Analysis for all pivot columns and forecasting(trend+seasonality) with Best-,Worst-case scenarios Pivot&Chart object and Statistics functions in MS-Excel

2007-2008	ANELPA SA	Brand Development for restaurant & cafes'	Programmer \ analyst	1)Break-even analysis in excel 2)Asset Depreciation, ms-access 3)Consolidation & Pivot of excel workbooks coming from search(ie same template) 4)MRP:FoodCost calculation & control of purchases(given sales and Bill of Materials) Implemented with Access and/or Excel
2006 - 2007	Vimelia	Liquor Store	Junior analyst	Price setting (summarising F.costs & target profit seeked ...then added to purchase price for the whole price catalog...then entered in company's ERP and created verification spreadsheet with macros for formatting
2006	Renault Robopoulos	Car industry delegation	Junnior Analyst	Calculating principal/interest payments in excel
2000	MIK3 for Fournos Sto Limani SA	Information Systems for Bakery Trading Company	Administrator assistant in Installing ERP;a change management experience	Data entry of t-accounts structure Design of ANSI SQL queries,. Customization of ERP Using OS/400 Hardware and DCW software.
1997-1998	MIK3 for lidl	Information Systems for Discount stores	Developer, debugger	Establish Document Flows within a job hierarchy with approvals and feedback documents Using: IBM Lotus notes environment

*Junior analyst is the role used when spreadsheets include Analysis in economics, Programmer is the title of role I use when the projects include programming from scratch, Developer is the role I use when I debug & customize a template

Education

Daterange	Subjects&Certificates
2021	Google GOOGLE ANALYTICS FOR BEGINNERS ADVANCED GOOGLE ANALYTICS
2020-2021	Udemy courses KPI AND METRICS FOR MANAGEMENT CONSULTANTS & MANAGERS DECISION MAKING WITH EXCEL FOR MANAGERS
2018	Coursera courses MACHINE LEARNING (attended)
2017-2018	Udemy courses COMPLEXITY ECONOMICS THE COMPLETE FINANCIAL ANALYST COURSE INTRODUCTION TO FINANCE, ACCOUNTING, MODELING AND VALUATION MBA IN A BOX MICROSOFT POWERBI:A COMPLETE INTRODUCTION MACHINE LEARNING A-Z:PYTHON & R IN DATA SCIENCE HOW TO MAKE A WINNING BUSSINESS PLAN
2016	Mathesis courses INTRODUCTION IN PYTHON INTRODUCTION IN RELATIVITY THEORY AND COSMOLOGY
2013	.Net 3.5 Framework (ongoing)
2012	Greek Kapodistrias University of Athens BUSINESS ANALYTICS I: MS-OFFICE-STATISTICS-DATA MINING-BI ANALYSIS OF LATEST DEVELOPMENTS IN GREEK ECONOMY
2011	Piraeus University (e-learning) FINANCE AND BANKING MANAGEMENT USING EXCEL
2010	ERP usage - USING ERP SOFTWARE
2002-2003	ICBS/Kingston Business School Diploma(attended) - Finance - Marketing - Information system - StrategicManagement - macroeconomics - operations management - Human resource management

2001-2002	Stirling University, UK MscIS (attended) - Databases RM - Strategic Information Systems(sis) - Operations management - International marketing - International finance - Organizational behavior - Entrepreneurship
1999-2000	Coventry Business School, transfer student from ACT <u>BACHELOR OF SCIENCE IN EUROPEAN BUSINESS AND TECHNOLOGY :</u> - Project Management - Strategic Management - International Business - Technology, - Design - Site development - Thesis project in Management and Marketing
1996-1999	American College of Thessaloniki BSc in Business & Computing - Business administration <u>TRANSCRIPT AND GRADES</u>

Skills in CSci

The table below summarizes Accumulated Skills in the field of computer Science:

Subject	Rate
Windows /Linux(usage+basic admin concepts)	Very good
Visual basic,C# for:Web&Windows apps	Very good
Javascript και .js technologies and frameworks	Very good
VBA,MS-Office programming	Expert
SharePoint, Azure	Beginner
Analytics(WHAT): Simulation,Optimizations, Data-mining, Business analytics,Genetic algorithms, Neural networks,Data analysis,Forecasts	Expert
Analytics(HOW): Data factory ,Data studio, Data bricks	Beginner
Analytics(HOW): Power BI/SQL Server Analysis services,Excel	Expert
Project management (MS-Project or my own brightProject)	Very good
ERP(KEFALAIO 4,X-line)	Beginner
Relational databases, SQL(any form even Big data or SQL ML procedures)	Expert
Non relational databases	Beginner
Python Jupyter, Data bricks:	Good
Statistics+ML: R,SPSS,	Very good
Site Dev. CMS (droopal,webmatrix,wordpress)	Very good
Graphics Apps(pictures,vectors,3d,generative AI)	Beginner
Graphics Apps(Photoshop,Correl or their free counterparts)	Very good

Archive

http://officeuser.brinkster.net/mdx.asp	Business aid:Theory and Summaries
http://officeuser.brinkster.net/OfficeBusinessProblems.pdf	Bussiness Problems course for pupils and students
http://officeuser.brinkster.net/sdx.htm	My MS-Office SmallApps samples
http://officeuser.brinkster.net/ldx.asp	Gradeable links

Sample of Projects I have completed

https://github.com/savvaskef/TranslatedSQLErrorMsgs	.dll for Friendly Greek messages for PL\SQL, MS\SQL
https://github.com/savvaskef/FindTheDifferencesGame	SQL Compact Edition stores differences in pictures. A spot'em game.
https://github.com/savvaskef/BingMaps4Trucks	Clustering Stops and Routing Trucks at minimum cost but with constraints

Modern JS Frameworks Comparative study:

Angular vs React vs Vue (BDE-FDE)

https://github.com/savvaskef/Example-Angular_and_API	Angular - .Net Core – MS-SQL two-way sync with an Employee-Department .mdf database
https://github.com/savvaskef/Example-React_and_API	React - .Net Core – MS-SQL two-way sync with an Employee-Department .mdf database
https://github.com/savvaskef/Example-Vue_and_API	#Vue and .Net Api with users stored in memory. Even so, it counts as client-server app.

Get the updated CV

If you see the CV long after submission date you may browse or download it from [my personal page](#)