

EDGAR C. MOGHIS

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Curriculum Vitae

Throughout my career, I have had a dual track path, both as a highly technical engineer and a very effective corporate manager. I enjoy both roles and as a consummate professional, I take pride of ownership in whatever I do at any level, whether as a leader or individual contributor.

I have been employed by well known fortune 500 companies and have held multiple positions. This has enabled me to acquire considerable business acumen and speak the language of both business and technology.

Although I have intimate knowledge of IT from A-Z, my background as a scientist means that I am a problem solver first and technologist second. I think creatively and concentrate on the solution, not the programming tools, which is often not the case these days.

My specialty is in direct engagement with stakeholders such as non-technical corporate professionals. Here I am able to communicate in plain English and produce outstanding results with little to no direction, often anticipating needs and exceeding expectations. I am not the typical, commodity programmer, I thrive on consulting to define need and design architectures with just the right glove like fit.

You will find that I do not conform to the normal mold, my unique approach has been shaped by substantial real-world experience, which allows me to think outside the box and provide a fresh, innovative perspective, not found in today's "follow the herd" mentality.

As a sole contributor, I have extensive experience with databases and internal management tools such as "ERP/MRP which I can enhance, augment and automate. This is an area that requires both business knowledge and technical expertise.

As an IT Manager, I have the requisite hands-on experience and understanding that is essential in order to lead highly intelligent engineers and create an atmosphere where creative minds flourish. In practice, I am able to bring out the best in teams by leading from a position of strength and authority, mentoring and nurturing as appropriate.

In short, due to my broad yet in-depth experience, I can wear many hats and take on multiple roles.

Best regards,

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Professional Summary

- Outstanding track record as manager, mentor & tech-lead, uniquely qualified to lead creative minds.
- Senior programmer: Applications, Operating System, Imbedded Controllers, Telecom, Web.
- Full-Stack proficient, very comfortable with ill defined projects.
- Considerable business and financial experience.
- Unique pragmatic style, honed through extensive hands-on experience.
- Extensive Financial Data Modeling, Analysis and Visualization.
- Proven track record of delivering as promised, often exceeding expectations.
- Renowned for practical, innovative, solutions that “fit like a glove” and perform robustly
- Specializing in direct engagement w/stakeholders, able to translate their vision into high fidelity apps.
- Able to mentor and lead from a position of strength and authority.
- Well known as a leader for inspiring a “win-win” atmosphere where creative minds flourish.
- Adept at gathering requirements, defining specifications & custom coding.
- Scientific/engineering education background.
- University Physics lecturer, conducted NSF research, taught electronics engineering
- Pharmaceutical industry knowledge & experience (Genentech, Alza, Abbot, Syntex).
- Domain knowledge:
Financial Services, Banking, Insurance, Manufacturing, Health Care, eCommerce, Product Design & Development, ERP, Retails, Robotics, Automation, AI, BI, R & D, Aircraft Design & Development, Electronics Engineering, Automotive Manufacturing

Technical Summary:

- Senior programmer: SQL/MySql • Perl/PHP • HTML/CSS • JavaScript • Unix/Linux.
- Experienced in all aspects of IT from A–Z, specializing in the LAMP stack.
- Familiar with most interfacing methods and expert at integrations (API, CSV, SFTP, JSON).
- Able to wring out exceptional performance from Perl/PHP database applications.
- Can surgically operate on legacy code to correct, augment and enhance functionality.
- In-depth data engineering and systems architecture experience.
- Data Warehouse and Business Intelligence programmer/architect, ETL/pipeline.
- Capable of communicating in plain English and conveying complex technical information.
- Familiar with multiple CMS/Scaffolding Systems such as Wordpress, Phalcon, Vue.js, etc..
- Can code from scratch, no bloated libraries or scaffolding systems needed.
- Can surgically operate on legacy systems to augment, correct and enhance.

Recent Work History:

2021	NAAI	Consulting, Financial Analysis & Business Automation (ERP/MRP/BI)
2020	Genentech (Roche)	Analysis/Design Tech Lead, Transportation ERP system for fleet management.
2019	DocuSign, Inc.	Data Scientist, Production Data Analysis & Complex Data Visualization
2017	CrossFit, Inc.	Syst. Analyst, Soft. Eng., Fin. Analyst (Oracle NetSuite), PeopleSoft migration
2015	Green Chef, Inc.	Software Engineering Management, custom ERP development, Robotics R & D
2009	Coshara, Inc.	Online coupon accounting and management system for social media marketing

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Skills Summary:

- Expert programmer, Databases, Web development and LAMP stack
- DBA experience MySql/MariaDB. familiarity with AWS RDS, DynamoDB, Oracle, DB2
- Amazon Web Services experience: S3 (Python), Lambda, ERD, ECL, Elasticache , etc.
- Sysadmin UNIX/LINUX, shell scripting
- MEAN stack and Python experience
- Legacy languages (C, Perl, 4GL, Assembler, Fortran, PL/1).
- Legacy Tech: serial RS 232C/422, BISYNC 2780/3780, GPIB (IEEE488), SNA, Mainframes 360/370, PDP 8/11, DEC10 TOPS
- Highly skilled with Spreadsheets, Google Docs, and other online collaboration tools.
- Electronics design engineering (RF, digital, analog, embedded systems).

Business Highlights:

- Comprehensive well versed business experience, in all aspects, from small to large, at all levels and in most industries.
- Fluent in the language of management, ERP, accounting, finance, marketing, sales, production.
- ERP & Accounting Systems: Lawson, Oracle NetSuite, Sage Accounting, PeopleSoft,
- Extensive business management and financial analysis experience.
- Expert at Financial Data Modeling, Automation and Visualization.
- Adept at gathering requirements, defining specifications & custom coding.
- Very comfortable with ill-defined requirements.
- Renowned for practical, innovative, solutions.
- Excellent communications skills, able to communicate in plain English.
- Engineering Manager, very collegial, able to collaboratively harness diverse factions for a cohesive narrative.
- Some of the more well known firms that I have worked for:
PG&E, Visa International, Wells Fargo, Docusign, CrossFit, Genentech, Pacific Bell, Kaiser Permanente, Montgomery Securities, FriendFinder

Education:

1999 - University of California - Berkeley, CA
Graduate program, BSD UNIX Kernel Internals, K. McKusick

1971-1976 Eastern Michigan University - Ypsilanti, MI.
BS Physics, Mathematics and PE Chemistry (masters eqv.)

G.C.E. and C.S.E. diplomas in electronics, mechanical engineering, heavy electrical engineering, engineering science, CAD/CAM, metallurgy, composite plastics & metal fabrication and manufacturing technology, aeronautical engineering.

Licensed FAA certified pilot (ASEL)
Licensed FCC certified Radio Electronics Technician (N8BNG)
Experimental Aircraft Association Life Member (#284083)
Former member of ANSI 8.02.11 Fiber Optics Standards Committee
Was Intel Alpha Test Site