

*I love building softwares! That's my passion! It gives me tremendous joy helping others thru technologies. I have a good understanding of front-end architecture and implemented micro services architecture and REST APIs. I worked with a number of apps developing them from the ground up and delivering complex features.*

***I developed an application and sold it to Microsoft.***

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## LANGUAGES & TECHNOLOGIES

React, Redux, Javascript, Typescript, Flutter, Java, Junit, Go Lang, Python, PHP, Scala, Node.js, CSS, TailWind, Spring, Spring Boot, Laravel, Django, GinGonic, Express, Play, JSON, XML, MySQL, Oracle, SQL Server, Postgres, DynamoDB, Firebase, Redis, Maven, NPM, PIP, Composer, Restful API, Docker, Kubernetes, AWS, GCP, Azure, Jenkins, Git, LangChain, OpenAI, PaLM and LLMA.

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## PROFESSIONAL EXPERIENCE

### **TECH LEAD / SR SOFTWARE ENGINEER, BMO | SAN RAMON, CA**

**2004-2023**

**REGIONAL BANKING [2017-2023]** Led the development and implementation of loan origination application and dashboard based on latest technologies. This was a complex project that features integration with various systems including ESB, Data Warehouse, 3rd party service providers, etc as well as implementation of regulatory requirements such as KYC, KYA, AML, etc.

Utilized modern technologies and framework such as React, Javascript, Typescript, Node, Java, SpringBoot, Python, Django, PHP, Laravel, SQL Server, Oracle, Postgres, AWS, Docker, Kubernetes, JSON, Restful API, etc.

Worked with DevOps team in implementing organization's practices and processes involving version control, code review, vulnerability scanning, continuous integration, and deployment pipelines. Utilized tools such as Git, Docker, GitLab, Jenkins, Kubernetes, etc.

Worked regularly with IT Security team in identifying and managing fixes and patches to address security and vulnerability findings (XSS, CSRF, etc).

Managed and mentored a large team of various roles (software engineer, system analyst, technical analyst) supporting applications centered around personal finance, loan origination/application, servicing and collection. Assigned tasks and provided guidance to ensure that the project milestones are met.

**COMMERCIAL BANKING [2012-2016]** Led a cross-functional team in developing, deploying, monitoring and managing platforms and applications used by the bank's commercial customers for payments (wires, ACH, batch checks, etc). This system involves daily transactions in hundreds of millions of dollars. Utilized technologies such as Java, Junit, Spring, Tomcat, Axway, React, Javascript, Typescript, NodeJS, PHP, Laravel, IBM MQ, SQL Server, XML, XSLT, Restful API and others.

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**DEV SERVICES [2004-2011]** As Technical Lead, led a team of Software Engineers in architecting, developing, packaging, deploying and monitoring a number of applications that were used department-wide and bank-wide. Some of the applications include Bank Rate Management System, IT Asset Management, Data Conversion, Equipment Leasing, Org Chart, User Onboarding / PW Management and Distributed System Certification. Used technologies such as Java, Spring, Javascript, .NET, ASP, IIS, Adobe Flex, Cairngorm, SQL Server, Subversion, SourceSafe and others.

**TECH LEAD / SR SOFTWARE ENGINEER, THE VANGUARD GROUP | MALVERN, PA 2000-2004**

Led a team of developers in developing and delivering technology-enabled applications used by internal users and external customers. Built and supported various applications (Registration, My Profile, Statements, etc) at Vanguard's website. They are used by Vanguard's clients and associates in performing transactions over the web. Utilized technologies such as Java, Javascript, Tomcat, SQL Server, Subversion, etc.

Responsible for the overall technical implementation of applications, and frequently interacted with internal and external business contacts. Provided solutions to technical issues, and was responsible for meeting development schedules and ensuring the delivered solution meets tech specs and design requirements.

Worked on the highly-critical piece of the applications developed. Mentored other developers regarding standard practices and good programming technique.

**SR IT CONSULTANT, RCG GLOBAL SERVICES | PHILADELPHIA, PA 1997-2000**

Worked as an Analyst/Programmer consultant for RCG clients namely CIGNA Insurance Company (Philadelphia, PA) and Experian Consumer Information Services (Orange, CA) primarily analyzing, developing, delivering, managing and supporting various applications. Evaluated the Y2K compliance of SMART (Simple, Multiple, Access, Repository and Toolbox) System and other C-programmed applications. Prepared and submitted recommendations and programming specifications. Utilized technologies such as Java, C, SQL Server, Javascript, PowerBuilder and others.

**PROGRAMMER / ANALYST, COMPUTER INFORMATION SYSTEMS | MANILA 1994-1997**

Played a major part in the analysis, development, conversion and implementation of a number of critical internal and external systems. Involved in coding, testing, optimizing programs, creating EXE and DLL files, and packaging them. Also included creating stored procedures, triggers, and DDL scripts. Utilized technologies such as Java, Informix, PowerBuilder, Oracle, SQL Server, Javascript and others.

**COLLEGE PROFESSOR, AMA COMPUTER LEARNING CENTER | MANILA 1994**

Taught Data Structures and Database Management.

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**EDUCATION**

Penn State University, Malvern, PA - Masters in Software Engineering, 2007

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**AWARDS**

Bank of the West, IT Employee of the Quarter

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**VOLUNTEER**

USTA (Tennis) Team Captain, 2014-present

Board Member - Northgate Instrumental Music Boosters, 2015 - 2018