MARK KENNEDY

Master of Software Engineering
Doctoral Student, Doctor of Engineering

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EXECUTIVE SUMMARY

Analytical and results-driven professional with extensive experience in developing and integrating innovative features in multiple systems and applications as well as managing full life cycle of software development processes. Highly experienced in software management, systems architecture, enterprise application integration, application design, development, maintenance, and quality assurance spanning multiple industries. Background in EDI and eCommerce. Remarkable background in leading technical teams as well as projects from start to end, developing/executing strategic business plans and control structures for projects, and ensuring successful completion within time and budget. Expert in advanced development methodologies, tools, and processes; leveraged to design and roll out cutting-edge software applications. Tech-savvy leader with solid history of success in conducting training and development programs and building and managing cross-functional teams to achieve shared visions and goals.

TECHNICAL PROFICIENCIES & SKILLS

Platforms:	Windows | MacOS | Ubuntu | Azure | IIS | VS Marketplace
Tools:	Visual Studio thru 2022 | VS Code | GitHub | VMWare | RDP | Fiddler | SSMS | Postman | PowerShell | SAP
Hardware:	Intel-based PC and Servers | Windows Server | Mac | Mainframe | AS/400 | PDP 11
Skills & Competencies:	Strategic Planning & Analysis | Software Development Lifecycle (SDLC) | Application Development | Project/Program Management | Continuous Process Improvement | Quality Assurance & Testing | Testing & Troubleshooting | Cross-functional Collaboration | Product & Change Management | Software Support & Maintenance | Team Leadership & Development | Database Management

PROFESSIONAL EXPERIENCE

AVEVA/Schneider Electric, Lake Forest CA   2019 – PRESENT
Senior Software Engineer

Develop custom extensions for Azure DevOps (ADO) by utilizing Node, TypeScript, React, and PowerShell as well as ASP.NET Core, Razor, Blazor, and MVC to create applications using Agile and Kanban. Maintain CI/CD pipelines by leveraging YAML scripts, exporting process templates, and managing repositories in ADO. Modify work items with custom-developed controls and Hub extensions. Utilize ADO REST APIs, VSS SDK, while managing configuration info through Extension Data Storage and tuning database and stored procedure in Azure AQL. Managed data with Azure SQL and Azure Data Storage.

- Developed standard solution for custom ADO extension development using Node, React, TypeScript and Hot Reloading.
- Created POC Blazor applications running under Azure with Azure AD accessing Azure SQL, Azure Data Storage, and DevOps REST APIs.
- Leveraged PowerShell and C# to develop migration tools for vCloud virtual machines and DevOps work items.

iHeartMedia, Orange County, CA   2017 – 2019
Senior Software Engineer

Developed radio media advertising software using C# .NET and SQL Server with agile methodology in scrum process environment. Implemented key vertical market concepts including subjects such as Ordered/Booked Spots, Avails, Occasions, Separations, Bookends, etc. Performed technical work in succession of 2, 3, and 4-week "Sprints" by teams consisting of C# developers, quality analysts, and business analysts. Created and maintained databases, overseeing single database designs and operating as cross-team resource. Deployed UI using standard Visual Studio.NET objects as well as DevExpress UI toolset. Oversaw Backend design and development through multi-tiered approach utilizing Common, Data, Business and Presentation Layers, respectively. Leveraged SQL Server 2016 for data storage and retrieval as well as webservices. C# source set change control managed through Team Foundation Server.

- Served as SCRUM team leader and lead architect on order module rewrite
- Acted as Lead engineer on SQL Server stored procedure tuning and optimization for applications.

DeskSite (QDOS), Irvine, CA   2014 – 2017
Architect/Senior Developer

Revamped VB.NET to C# and collaborated with CEO and CMO on all functional requirements as well as engaged with vendors, managed QA efforts, and developed internal resources' skillsets. Utilize areas of technology, such as SQL Server, Azure SQL, Azure Webservices, Azure Media Services for transcoding video content, WCF, Windows Services, C# and VB.NET WinForms, WPF, TFS, Subversion, Jira, Telerik Suite of controls for WinForms and WPF.

- Led team of 5 (offshore resources) in re-architecting entire codebase from SQL Server Backed (porting to Azure), Broadcast Content Delivery, Webservice to WCF re-architecture, client-side windows services, and WinForms to WPF conversion.

- Served as Senior Engineer during sales and project negotiations with Microsoft and other partners.

- Partnered with patent attorney on documenting custom functionality to track views of streamed NFL content.

Pacific Investment Management Company (PIMCO), Newport Beach, CA   2010 – 2014
Silverlight Developer

Designed and developed Silverlight applications by using C# for portfolio managers; applications including Corporate Bond Calculator, Whole Loan Pricing, Bloomberg real-time data pulls, Credit Analytics, Mortgage Reports, and Mortgage Surveillance. Used WCF for data access connecting to Sybase and SQL Server back-ends as well as development tools such as, Expression Blend, Visual Studio 2010 and 2012, Telerik RadControls for Silverlight, SQL Server Management Studio, Embarcadero Rapid SQL XE.

- Coordinated with Portfolio Managers and Senior Leadership in determining requirements for support applications.

- Independently maintained Corporate Bond Calculator.

ADDITIONAL EXPERIENCE

Retired Master Sergeant /Communications Chief at United State Marine Corp Reserve, Seal Beach, CA

.NET Architect at Restaurants on the Run (ROTR), Aliso Viejo, CA

.NET Architect at ShoreCliff, Inc./Play N Trade, Newport Beach, CA

.NET Developer at MediaSpan, South Orange County, CA

.NET Developer, Technical Lead at Clear Channel, Orange County, CA

Mobilization Staff NCOIC at United States Marine Corps Reserve, Twentynine Palms, CA

Systems Analyst/Architect/.NET Developer at Toro Irrigation Division, Inland Empire, CA

Systems Analyst/Architect/Web Developer at Marine Corps Air Ground Task Force Training Command, Twentynine Palms, CA

IT Architect at PhotoCardUSA, Laguna Hills, CA

Senior Web Developer at Telemedia Development, LLC, Costa Mesa, CA

Technical Consultant at County of Riverside, Riverside, CA

EDI Manager/Client-Server Application Developer at Alta Vista/Shopping.com, Irvine, CA

Technical Consultant at Walt Disney Company, Anaheim, CA

EDI Manager/Client-Server Application Developer at CTX International, City Of Industry CA, Compton, CA

Senior AS/400 Application Developer at GE Capital Mortgage, San Bernardino, CA

Project Manager/Senior AS/400 Application Developer at Electronic Data Systems (EDS), Overland Park, KS

Staff Sergeant/Training Staff NCOIC at United States Marine Corps Reserve, Belton, MO

Application Developer at Computer Horizons Corporation, Inc. Kansas City, MO

Application Developer at Independent Programming Consultant, Independence, MO

Sergeant, Designer/Analyst, Branch Chief, Lead Programmer at Defense Finance and Accounting Service, USMC (DFAS-KC), Kansas City, MO

Corporal, Programming Noncommissioned Officer in Charge at Information Systems Support Services, USMC Twentynine Palms, CA

EDUCATION

Doctoral Student, Doctor of Engineering | The Pennsylvania State University, University Park, PA

Master of Science Software Engineering | The Pennsylvania State University, University Park, PA

Bachelor of Science, Computer Science, Business Management | The Pennsylvania State University, University Park, PA

Student Advisory Board, Academic Affairs Committee | The Pennsylvania State University, University Park, PA

Professional Training

- **Programming Visual Basic .NET |** Knowledgenet, Torrance CA

- **Essential VB.NET" – Programming Visual Basic .NET |** DevelopMentor, Torrance CA

- **Essential Data Access Using SQL Server 2000" - SQL Server 2000 programming with VB, C++, XML, C# and .NET |** DevelopMentor, Torrance CA

- **SQL Server 2000 Programming" - Course covered SQL Server from the perspective of the Developer DBA |** QuickStart Technologies, Irvine, CA

- **Essential Web Applications" - Course covered Web Development with Microsoft technologies |** DevelopMentor, Torrance, CA

- **Distributed Services for Visual Basic Programmers" - COM+/MTS, VB, MSMQ, XML and IIS/ASP |** DevelopMentor, Torrance, CA

- **Programming Distributed Applications with COM and Visual Basic 6.0" - COM/MTS, VB, MSMQ and IIS |** DevelopMentor, Torrance, CA

- **2 weeks Object Oriented Design and Development using the ADA programming language |** AdaWorks Software Engineering, Inc., Palo Alto, CA

- **48 Hours Microsoft Access 2.0 Application Development |** Softbite International, Inc., Dallas TX, Washington, DC

- **4 weeks Application Design and Development using the ADA programming language |** US Air Force Technical Training Squadron, Sterling, VA

- **2 weeks Advanced Client Server/LAN Training using AdaSAGE with the ADA Programming Language |** Idaho National Engineering Laboratory, Idaho Falls, ID

- **14 weeks IBM System/370 Assembler Language Programming |** Computer Sciences Corporation, Inc., Kansas City, MO

- **2 weeks Object Oriented Requirements Analysis and Design |** Fastrak, Inc., Kansas City, MO

- **5 weeks Small Unit Leadership Training |** NonCommissioned Officers Academy, Twentynine Palms, CA

- **1-week Advanced Clipper 5.01 |** Lexcel Systems, Inc., Los Angeles, CA

- **3 weeks ADABAS Natural 2 Online/Reporting |** Software, AG, Irvine, CA, New York, NY, Chicago, IL

- **16 hours Advanced dBase III+ Programming |** Sears Instructional Center, San Bernardino, CA

- **8 weeks COBOL Programming and 4 weeks Small Computer Systems |** US Marine Corps Computer Science School, Quantico, VA