

Nick Chung

Software Architect / Developer

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PROFILE

Passionate developer / solutions architect with 27 years of experience, offering strong analytical skills and expertise in web applications. Competent in Cloud computing and architecture, backed by certifications in Azure, AWS, MongoDB and MCSD. Driven by insatiable appetite for learning, persists in delivering projects well beyond requirements. Excels at managing large-scale, mission critical systems implementation and integration utilizing agile approach.

EXPERIENCE

MedImpact Direct, LLC

San Diego, CA

May 2016 - Present

SOFTWARE ENGINEER V / TECH LEAD / ARCHITECTURE GROUP LEAD

- Led development of IVR system utilizing Azure Cosmos DB, Storage and Functions, and creation of CRUD layer component
- Designed and led implementation of major modules of Patient Care Management system which was built for CSRs to support Mail Order pharmacy patients. System features include ADFS authentication, RBAC authorization, prescription and order servicing APIs.
- Architected and led implementation of Automate Transfer / New Rx system in facilitating transfer of existing and new prescriptions from patients' current or previous pharmacies
- Managed and led implementation of Manage Auto Refill module to help patients manage prescriptions refill through automation
- Managed implementation of EasyFill module in helping patients to fill their prescriptions without creating an account or signing in
- Led development team with mail order pharmacy IVR system integrating with PlumVoice
- Designed and led implementation of Data Sync service to maintain data integrity across core systems within enterprise boundaries
- Led consumer portal integration with identity provider Okta in delivering Single-Sign-On solution across enterprise's consumer facing systems
- Introduced and led adoption of OAuth2 in providing authentication and authorization solutions for new API services and consumer portal
- Managed and coordinated integration of consumer portal site with new backend APIs
- Architected and led implementation of REST API services covering wide range of mission critical business functions providing services to internal and external clients
- Led legacy consumer portal conversion and integration with ePostRx services resulting in fully functioning pharmacy management system backed patient portal
- Led architecture group in providing technical vision, direction and solutions across all development teams throughout company
- Contributes and works closely with DevOps in developing and establishing CI/CD practices and processes
- Works closely with Product, Project and Operations teams on various aspects of projects and processes in achieving and delivering company's objectives and goals

- Works closely with teams in parent company, MedImpact, in coordinating, solving and delivering company's objectives and goals

MedImpact Direct, LLC
San Diego, CA
Dec 2015 – May 2016

SENIOR SOFTWARE ENGINEER - CONTRACT

- Led and oversaw development of Mail Order Pharmacy consumer portal
- Designed and developed Refill Reminder IVR application

**Tax Products Group,
Subsidiary of Green Dot
Corp.**
San Diego, CA
2001 - Nov 2015

SYSTEMS DEVELOPMENT MANAGER 2007 - 2015

- Led web services and API development, and implementation of supporting infrastructure
- Architected and developed a credit decisioning API engine through AWS API Gateway using Lambda; The service was developed in Node.js and DynamoDB was used for data store
- Managed, architected, and developed web services and related systems for Walmart Direct2Cash, a tax refund pickup service, receiving the Product Award at the Walmart's annual Vendor Supplier Summit; Utilized Visual Studio 2012, WCF/.NET 4.5, and SQL Server 2012
- Designed, developed, and maintained prepaid card program system in handling disbursements of taxpayers' refunds using C# and .NET 4.5
- Architected and implemented company's mission critical web services supporting Positive Pay, IVR, and electronic payment processing employing .NET Web APIs
- Utilized multithreading and asynchronous techniques in building responsive and performant applications
- Designed and built applications to support Customer Identification Program decision making processes for Risk and Compliance department, utilizing industry standards such as LexisNexis, Experian, WorldCheck and OFAC
- Developed and maintained financial applications to keep track of delinquent and dormant accounts, managing combined account balance of half billion dollars
- Identified and pursued technological opportunities in satisfying systems requirements
- Ensured systems compliance to established regulations and requirements
- Performed load testing and capacity planning on web applications and services
- Worked closely with executives on key strategies and decisions
- Played a key role as a major contributor to the company's technological direction
- Mentored and led development team
- Hired and trained new developers
- Familiar with FinTech industry standards and technologies from having experience collaborating with leaders including Walmart, Green Dot, Intuit, and FIS

LEAD WEB DEVELOPER 2001 - 2007

- Led development and maintenance of company's websites and applications
- Developed and maintained COM objects encapsulating core business logic and database interface used in web applications
- Developed and maintained various windows applications for system monitoring, database interface and financial utility
- Introduced and implemented source control management process using SourceSafe
- Designed and implemented databases on different platforms
- Created a module consisting of DLL and SQLite in helping collection of over ten million dollars in delinquent accounts which was embedded in major

tax preparation software packages including Intuit TurboTax, Liberty Tax, and Jackson Hewitt software

Spider Technologies

San Diego, CA
2000 - 2001

SENIOR SOFTWARE DEVELOPER

- Led development of Task Manager module of web-based CRM software product
- Played a main role in designing, developing, and implementing product enhancements using ColdFusion and Sybase 11
- Responsible for product upgrade from ColdFusion to J2EE platform using Jrun and WebLogic

Sears Home Services

Austin, TX
1996 – 1999

APPLICATIONS PROGRAMMER

- *PC Pro Call Taking System* – Responsible for developing major GUI and a call transfer modules using telephony OCX; Designed and developed custom business components using Delphi 4; Utilized multi-tier database technology to develop thin client application
- *Sears Authorized Servicer Administration System* – Utilized Delphi 3 and Informix in the development of information systems that linked Sears Home Services to third-party contractors; Designed and developed major GUI modules and underlying processes

Railroad Commission of Texas

Austin, TX
1995 – 1996

APPLICATIONS PROGRAMMER

- Developed batch EDI applications in mainframe COBOL
- Developed vehicle usage system in R:Base to help Administrative Services division keep track of vehicle usage for Commission employees
- Developed employee time tracking system in Visual Basic and Access

EDUCATION

University of Texas

Austin, TX

BACHELOR OF BUSINESS ADMINISTRATION

- Major in Management Information Systems
- Graduated August, 1994

CERTIFICATIONS

Azure

Azure Solutions Architect Expert

Microsoft Certification ID: 11074654

November 11, 2022

MongoDB

MongoDB Certified Developer

477-904-362 October 25, 2015

Amazon Web Services

AWS Certified Solutions Architect – Associate

AWS-ASA-8094 June 19, 2015

AWS Certified Developer – Associate

AWS-ADEV-885 June 19, 2015

Microsoft

MCSD: App Builder – Certified 2016

F304-0277 May 15, 2015

MCSA: Web Applications – Certified 2016

SKILLS

Language/Framework .NET Core, C#, JavaScript, Pascal, T-SQL, LINQ, COM

Web	Azure, REST API, WCF, MVC, Razor, Node.js, Express, Jade, jQuery, HTML5, Bootstrap, XML, WSDL, JSON, AJAX, CSS, WebSocket, XSRF, Anti-XSS, Magento, Salesforce
Database/Server	SQL Server, SSIS, SSRS, SSMS, MongoDB, DynamoDB, Entity Framework, OData, SQLite, Pervasive, Sybase, IIS, Apache, RabbitMQ, MSMQ
Operating System	Windows, Linux
Dev Environment/Tool	Visual Studio, Delphi, Git, TFS, SoapUI, Postman, Fiddler, NuGet, NPM, VMWare, Visio, NLog, Log4Net, Enterprise Library, NLog
Methodology/Technique/Collaboration	SOA, Agile, Scrum, Domain Driven Design, Test Driven Development, Design Patterns, Asynchronous, Parallel Processing, Virtualization, Security, Authentication, Encryption, Caching, Multithreading, TOGAF, MS Teams, Trello, Slack, FogBugz, Asana
AuthZ/AuthZ	OAuth2, OpenID, Azure AD, Okta, IdentityServer,