Chalak Prana
QA (Quality Assurance) Test Manager

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10 years experience (including quality assurance QA 5 years, software testing 5 years) quality control with industry leading companies. Participated in development and QA of many business application systems in Client Server environments. Implemented test automation on all stages of product development. Manual tested regression, smoke, integration, exploratory cases. Strong knowledge of software development process, extensive experience in application design.

PROFESSIONAL EXPERIENCE

Programming languages/Technologies/RDBMS

C++ (34 month)
Objective-C (4 month)
STL (8 month)
MFC (10 month)
WIN32 API (6 month)
ISAPI (3 month)
ASP (44 month)
ASP.NET (56 month)
ASSEMBLER 8086/i486 (combined 24 month)
Bash/Shell/Powershell (combined 34 month)
C# (68 month)
CFML (24 month)
Java, Kotlin, Android SDK, Gradle, Maven (combined 12 month)
Android Studio 3.0, 3.5, 4.2 (6 month)
HTML/CSS/DHTML/HTC/ JavaScript (combined 78 month)
Perl (6 month)
PHP (6 month)
Web3, Remix, Solidity (combined 6 month)
Node js (8 month)
MS-SQL/Sybase (44 month)
XML/XSLT/XSD/XCBL/Xpath/WDDX (58 month)
MS SQL Server 7.0/2000/2005 (24 month)
ODBC (22 month)
Sybase IQ SQL server (16 month)
Swift (4 month)
Oracle 12 (26 month)
Crystal Reports (9 month)
Win32 (8 month)
ADO (24 month)
TestRail (12 month)
CGI (12 month)
.NET Framework (78 month)
Xcode IDE 9, 10, 12 (6 month)
Swift, Cocoa, Objective-C (combined 6 month)
FuseBox 2.0/3.0 (6 month)
Object Oriented Programming (62 month)
ISAPI filters/extensions (3 month)
HTTP/HTTPS/SSL (8 month)
TCP/IP/UDP (4 month)
MS InterDev/ASP/JavaScript debugging (combined 12 month)
MS Visual FoxPro (12 month)
Visual Studio .NET 2000, 2005, 2008, 2010, 2012, 2015 Team Suite (combined 112 month)

Operating Systems
Windows 3.1, 95, 98, NT, 2000, 2003, 2008, 2012, 2017, 2020 (combined 178 month)
Unix and clones (64 month)
Android (34 month)
MS DOS 3.0-6.22 (combined 104 month)

VAX-VMS (3 month)

Software testing services provider - QA outsourcing platform
05.2020 – Now
Managed manual and automated test cases, runs in automation engineer role. Documented test cases and expected results. Integrated tools CI/CD/DevOps pipeline including JIRA, Bugzilla, Jenkins, TFS and others. Provided support for enterprise customers with large teams & mission-critical projects.

Project team: 500+
Platform: Mobile
Programming languages and technologies: TestRail, Javascript, SauceLabs, Selenium, Appium, TestCafe, Github, JIRA, W3C CSS validator, Teleric, Confluence, Slack

Upwork
10.2017 - 05.2020
Developed Amazon, Ebay product research tools, market share, average pricing and shipping options, inventory levels, listing volume, optimise product listings, Amazon FBA tracking. Chrome dropshipping extensions, price history, live statistics, image search, keyword search, find the most profitable products, sales data, volume, and rank, trends.
Project team: 5+
Platform: Windows 10
Programming languages and technologies: C#, .NET, Ebay API, Amazon API, JavaScript, ChromeExtensions, Dropshipping

Freelancer
09.2015-10.2017
Mobile payments for Android. (50K+ downloads to date) One button payments on merchants and websites, biometric authentication. Flexible settings to meet range of custom security preferences, direct network client. Implemented business logic features in Java, Kotlin, and C++. Wrote elegant, self-documenting code, easy to read and adapt for other developers. Reviewed design specs and engineering docs and provided feedback.
Project team – 5+
Platform: Android 11/10/8
Programming languages and technologies: Kotlin, C++, Java, Android SDK, Gradle,
Maven, ADB/ADV
Clients: Private Customer

oDesk
04.2013 07.2014
Customer virtualized infrastructure maintenance and support. Build and installer packages, upgrading existing code with new technology and third party components. Coordination with internal stakeholders, customer support tickets, and coverage reports. Improved stability and maintainability, of hosted VMware products. Designed, implemented, tested, done deployment on VMware setting. Created virtual machines, clones and templates. Provided upgrades for x64 architecture.
Project team – 50+
Platform: Windows Server 2003/2008/2012/R2 x86/64, Open SUSE 12 x86/64
Programming languages and technologies: ActiveMQ, Spring Framework, JMS Messaging, Maven 3.0, Ant 1.9, Eclipse IDE, HTML5/CSS3, Visual Studio 2010/2012, NUnit 2.5, Nant, MSBuild, .NET Framework 3.5/4.0/4.5, SVN, VMware virtualization services
Clients: Fortune 500 companies, Wells Fargo, McDonald's

.NET and Java development components vendor, Software development outsourcing center branch
09.2009 - 10.2012
File format component for .NET, SQL Server Reporting Services (SSRS), SharePoint. Extend file processing capability of these platforms a lot more their native possibilities. Creation, reviewing and exporting Word, Excel, PDF, PowerPoint, Outlook and many others directly from within application code. Extended component XML API, added XSL formatting feature according to W3C specification. Created unit, functional and regression testing framework procedures. Implemented 40+ extensions to existing component API functions. Provided after release support. *Project team – 14 from start, 23+ from now, 2+ person remotely.*
Platform: Win Vista/Win 7/Win Server 2008 (including 64 bit).
Programming languages and technologies: C#, XML/XPath/XSD/CSS/DOM/XSL/DTD, HTML5/CSS3, Visual Studio 2005/2008/2010/2012, Microsoft Solutions Framework, NUnit 2.5, Nant, MSBuild, .NET Framework 1.0/1.1/2.0/3.5/4.0, Mono 1.0/2.0, .NET Code Coverage NCover 1.0/3.0, SVN Apache Subversion.
Clients: 9200+ customers, among them Microsoft, NEC, HIlton, Siemens, Xerox.

Software development and outsourcing services provider Company
02.2008 – 07.2009

Windows OS Family based Job Queue Management system - module for scheduling and executing jobs and tasks in .NET environment. Creation of Jobs that can range from database maintenance to user-defined and may be scheduled in various ways. Implemented modules: Jobs, Statistics, Scheduling/Execution, Notifications and Monitoring. Extended documentation set using calculations, technical details, data manipulation, processing and other specific functionality investigation that show how the use cases are to be satisfied. Provided documents with detailed implementation suggestions, along with time and resource estimates. Provided personal support for release management, change management, test management, design and implementation, standards and guidelines. *Project team – 3 from start, 4+ from now.*

Platform: Win2000/2003/XP.

Programming languages and technologies: Windows Workflow Foundation, PL/SQL, ORACLE, VB.NET,C#, SQL, XML, ADO.NET, Web Services, Visual Studio .NET/2005/2008, SQL Server 2000/2005, Microsoft Solutions Framework, Microsoft Project.

Clients: Carrier supply chain integration services Independent software and consulting company.

Software development and outsourcing services provider Company regional office
11.2007 – 02.2008

ASP.NET 2005 based personal workstation Installed Software Policy Control corporate intranet tool. AJAX technology empowered WEB solution with MSSQL 2005 database web services. Project leadership role from the initiation stage, implemented Scrum project management method for agile software development. Created Product back log, Sprint back log, Scrum daily meetings. Supplied weekly intermediate deliveries with completed functionality, risk monitoring and management, transparency in planning and development, stakeholder progress monitoring meetings. Provided development, testing and staging environment configuration, introduced additional team members, provided project documentation support and renewal. Database model, Logical model, GUI Design, Usage cases, Usage scenarios, Business rules catalog, deployment plan, Test case set including Visual Studio Team system Test framework setup.

Project team – 3 from start, 5+ from now.

Platform: Win2000/2003/XP.

Programming languages and technologies: C#, SQL, XML, ASP.NET, AJAX, ADO.NET, Web Services, Visual Studio .NET/2005/2008, SQL Server 2000/2005, Visual Studio 2005 Team Load Test Agent, Microsoft Solutions Framework, Microsoft Project.

Clients: Software development and outsourcing services provider Company

DevCom
04.2007 – 10.2007

Microsoft Dynamics CRM - Microsoft Customer Service Relationship CRM 3.0/ Windows Small Business Server 2003 based solution. Provided tools and capabilities needed to create and easily maintain a clear picture of customers, from first contact through to purchase and post-sales. With modules for sales, marketing, and customer service, fast, flexible, and affordable solution that drives consistent, measurable improvements in every business process, enabling closer relationships with customers and helping to achieve new levels of profitability. AspDotNetStorefront Complete E-Commerce + CMS web based solution — extended functionality set and performed thorough optimization for an existing solution, provided MSF project template including support for the full software development life cycle model, including product and final release management.

Microsoft Internet Explorer Toolbar Extension — existing solution analysis including source control code base, program architecture improvement, refactoring, project documentation and formalization. Microsoft Solutions Framework and Microsoft Team Foundation Server was utilized as main instrument base for the development, running and process work flow control on the stated projects. Managed role clusters and functional areas, stated goals, milestones and deliverables. Identified and analyzed project risks and risk plans, established project life cycle, stabilizing phase, testing and piloting a solution. Provided management for the product, program, development, testing, user education and logistics stages. Minimized risk, improved product quality, increased development speed and project control.

Project Team - 5 members including 2 Quality Assurance staf members. Platform: Win2000/2003/XP/Vista.

Programming languages and technologies: C/C++, C#.NET, VB.Net, WinForms, SQL, XML, ASP.NET, ADO.NET, XML/XPATH, Web Services, MS CRM 3.0 SDK, Visual Studio .NET/2005, SQL Server 2000/2005, SharePoint, Visual Studio Team System: Visual Studio Team Suite 2005, Visual Studio 2005 Team Foundation Server, SharePoint 2007, Visual Studio 2005 Team Load Test Agent, Microsoft Solutions Framework, Microsoft Project.

Client(s): USA Company

Algro Company representative office
11.2006 – 03.2007

EDI (Electronic Data Interchange) Solution – Universal business platform optimized for fast processing of EDI documents, flexible integration capability, and superior customer service. Designed solution implements information electronic transfer between two trading partner's systems using a set of transactions that have been adopted as a national or international standard for the particular business function. Common language used to send information

from one computer to another. The exchange of routine business transactions in a computer-understandable format. The interprocess (computer application to computer application) communication of business information in a standardized electronic form. How it works - Sending data: computer system serves as a data repository; EDI extracts information from existing computer applications; transmits paperless, computer-readable documents via IP network. Receiving Data: fed directly into a computer system; automatically processed and interfaced with internal applications; accomplished in minutes; no paper shuffling; no attendant costs of manual document processing and delivery. Benefits of EDI

· More Secure than paper
· Cost savings
· Acknowledgements from receiving institution
· Easy partner exchange each term
· Automated transfer articulation

Conducted business process analysis and system design, preparation of commercial proposal, management of project. Defined procedures for data processing approach refactoring and recommendation on their improvement. Proposed complex of arrangements offered in accordance with defined business conditions. Did personal verification of successful completion for every stage of the project. Provided support for planning process, testing and development of the designed decision. Project documentation and after release support was based on Visual Studio Team System 2005 and Microsoft Solutions Framework. Organization of team development and support of product was carried out on a base of Microsoft Team Foundation Server. *Project team – 4 people, including 1 person remotely.*

Platform: Win2000/2003/XP.

Programming languages and technologies: C#, VB.Net, SQL, XML, ASP.NET, ADO.NET, Web Services, WinHTTP, WinInet, XmlHTTP, Visual Studio .NET/2005, SQL Server 2000/2005, SharePoint, Visual Studio Team System: Visual Studio Team Suite 2005, Visual Studio 2005 Team Foundation Server, Sharepoint 2007, Visual Studio 2005 Team Load Test Agent, Microsoft Solutions Framework, Microsoft Project.

Clients: Gillette, Johnson & Johnson, Dirol-Cadbury, Coca-Cola HBC Eurasia

Content provider
04.2005 – 11.2006
NOKIA MMSC Client – multithreaded subscription server for mobile content, provide sending, receiving and forwarding MMS messages. MMS is a communications technology developed by 3GPP (Third Generation Partnership Project) that allows users to exchange multimedia communications between capable GSM phones and other devices. An extension to the Short Message Service (SMS) protocol, MMS defines a way to send and receive, almost instantaneously, wireless messages that include images, audio, and video clips in addition to text.

Developed program product architecture, implemented testing, solution stabilization and deploying processes. Implemented MMS Subscription server based on WAP-209 MMS Encapsulation Protocol. Utilized HTTP 1.1 as a container protocol. During investigation of existing solutions acquainted with wide range of instruments proposed by NOKIA and third party developers. Successfully ported NOKIA JAVA MMS library in C#. NET and J#. NET. Composed time flow schemes and server diagrams regulating MMSC center interaction including traffic billing, according to tariff classes of GSM provider. During this project achieved excellent understanding of MMS transport protocol and trained good practical development knowledge.

Project team - 3 people.
Platform: Win2000/2003/XP.
Programming languages and technologies: J#. JAVA, Perl, NET Studio 2003, MMS Encapsulation Protocol, 3GPP WAP, Nokia MMSC EAIF Emulator, Nokia Mobile Server Services (NMSS) Emulator, Nokia Developer's Suite for MMS, A Java2 Runtime Environment (JRE), WAP-209 MMS Encapsulation Protocol, SMPP sockets, SMIL, GraphicsMagick
Client: Content Provider Company

Software outsourcing company
01.2001 – 04.2005
Imagami MOK3 - Geometry Creation Mechanism, Sketching Function. Imagami - 3D graphics software which allows users rapidly create and edit photorealistic 3D scenes from 2D images. With this product it takes fraction of time and effort normally required using current 3D graphics modeling tools and techniques. Using this technology, architects, interior designers, animators, moviemakers, and computer console video game designers can build prototype of production quality 3D content while saving time and money. Developed modules: Reworking MS-STL/STLPORT support; Textures From Source Images; Layer UI - Layer List and OnScreen Visuals; Adobe Photoshop integration.

Project team - 10 people.
Platform: Win2000/2003/XP, Unix, MAC.
Programming languages and technologies: C++, .NET Studio 2003, STL, STLPORT, Trolltech Qt, XML/XSL, Perforce, DirectX, DWGdirect, Gamebryo, Ipp, Lib3ds, Opengl, OpenNURBS, Parasolid, Vxl, Boost, FLEXlm, Jasper, LibPng, Log4cplus, Sigslot, Xercesc, Zlib.
Client: USA company.

"Thomson StreetEvents - complete solution for managing corporate disclosure and brokerage event information"
Provided support for Events, Transcripts, Briefs and Filings services, advanced alerting, customizable WatchLists

and synchronized desktop management, enabling investment professionals to increase efficiency and productivity while reducing costs. This system provide world class data leveraged by the skill, creativity and intelligence of our consultants which have helped many public companies to achieve appropriate valuations, dampen volatility, predict the effects of major structural changes on the shareholder base and generally promote stability and increase investor confidence.

Project team - 5 people.
Platform: Win2000/2003
Programming languages and technologies: C++ (D)COM, CVS, ADO, ASP, ASP.NET, MYSQL, XML/XSL
Client: USA company.

"ATM Traffic Stream Processors tests developing"

Optimized test scripts in C++/TCL that generate huge number of different traffic loads combinations, packets and ATM cells. Tests were developed both for chip simulators and hardware implementations. Deep analysis of traffic management processors functionality, characteristics and operating commands was done. Studied and used AX/4000 ATM modular, multi-port test system that generate ATM test traffic, analyze full rate ATM traffic in real time, and simulate network induced delays and Quality of Service (QoS) impairments.

Platform: Sun OS/Linux
Programming languages and technologies: C, C++, TCL, ATM, TCP/IP, CVS
Client: USA company.

"Nestle Pocket Sales"

Created desktop module that implements buffer database for temporary data storage that represents sales and distribution records, coming from trade representatives pocket PCs. This module organizes number of directories, reporting, distributor catalogs importing/exporting, data interchange between main DB through Web interface. Crystal Reports engine was utilized for reporting subsystem. Most of functionality was implemented by use of .NET Framework class library classes.

Platform: Windows NT/2000/XP Programming languages and technologies: XML, C#, Xpath, SQL

"BaseShop CMS"

BaseShop Content Management System is XML driven Web application that give possibility to edit and manage website content online for Webmaster. The task was to rework and extend existing system from ASP to ASP.NET. Created WinNT ACL User/Groups manager application, created C# and VB application that uses WIN API calls Advapi32.dll CreateProcessAsUser, LogonUser to perform custom impersonization. Implemented Shopping cart. Created site map for xml driven site using xml/xsl transformation. Implemented site search functionality, utilized Microsoft Index Server, CissoQuery COM object. MS Exchange 2000 Server / CDO Microsoft® Exchange Server. Created reporting tool used for employers tasks tracking MSOutlook 2000, VBA (VBA in Outlook/Excell/Access)

Platform: Windows NT/2000/XP
Programming languages and technologies: C#, WIN2k Access-Control Lists, XML, XSL, CSS, Xpath, HTML/DHTML, JavaScript, VBScript
Client: a Danish company.

"ListKey 4.0/3.0 web application"

Sailing List Ordering system. Finished tasks: User security notification. Securing CC forms by SSL HTTPS protocol. Geo Overlapping module update. Direct online site content edit feature. LK4 Breakdowns for Site Geography. Order number populating code. List Multi-Use. Saving session state and user location. Transition users from LK3 to LK4 – duplicating ListKey 3.0 functionality to ListKey 4.0. Cookies maintenance. Installed Dwelling unit size selector. SQL script created to install this selector. Module for application variables refreshing and maintenance for this. Seeding Module. Also more than 50 smaller projects was completed and integrated to live site. Created duplicate of existing portal. Breakdowns for Site Geography. Update for Radius Geography Breakdowns. Case Sensitive Sybase SQL servers. Forced S-order. Data Pipe Monitor. Geo Overlapping module rework.

Platform: Windows NT/2000/XP
Programming languages and technologies: CFML, JavaScript/VBScript, HTML/DHTML.
Client: USA customer.

PinSoft
09.1999 – 01.2001
"MS-DOS debugger"

Custom resident program intercepting and logging required MS-DOS hooks, standard debugger interface was developed to trace registry flag and value, memory range, I/O port status.

Programming languages and technologies: Assembler.
Platform: MS-DOS
"Company web site"

Created company web site locally and uploaded to Unix system hosting. Provided site support renewal
Programming languages and technologies: Unix Shell, PHP, Perl, MySQL, HTML/JavaScript.
Platform: Unix

Education
09.1993 – 12.1999
CAD Department National Polytechnic University

M.Sc. Diploma in Computer Science, Specialist Degree, obtained qualification of specialist - systems engineer. Diploma Project "Visual Study System DES/RSA encryption algorithms". Developed GUI based Study System that implements DES/RSA encryption algorithms visualization scheme. Implemented up to bit level algorithm reflection. Provided statistical data storage procedures and administration module.

Languages
English – fluent
Polish – good

Additional information
Excellent commercial systems development and project deployment knowledge. Team Player. First hand experience in carrying negotiations with West based customers, conducting conference calls and team meetings.
Car owner, B category driving license.