J. GNANAPRAKASH

Cell: +918072142412   **E-Mail: gnanaprakashsivam@gmail.com**

Highlights

- 7 yrs of experience in **PHP, Python, Node.js, MySQL and Web developments.**
- Worked as Technical Lead in leading MNC – **TATA Consultancy Services Ltd (TCS)**
- Experience in Insurance, HealthCare, Payroll Tax, Banking & Retail Domain Line of business

Employment Summary

Employer	From	To	Designation
TATA Consultancy Services Ltd (TCS)	Apr 2004	Nov 2016	Assistant Consultant
Consultancy Projects	Dec 2016	Mar 2021	Project Consultant
Shaivam.org	Apr 2021	Till date	Technical Lead

Academic Details

Course	Year	Institution	University/Board
M.Sc. (Software Engineering) Five Yrs Integrated	1998-2003	Bharathiar University, Coimbatore, Tamilnadu	Bharathiar University

Skills Profile

Operating System	Languages & Technologies	RDBMS	Tools
- Windows - UNIX / LINUX - Cloud Platform (AWS, Google Cloud, Heroku, Digital Ocean)	- PHP - Python - JavaScript - Node.js - React.js	- MySQL - SQL Server - DB2	- Rest API - Dockers/Containers - PHP Frameworks - Apache/Nginx - Git/GitHub

Certifications

- IBM Certified Specialist - DB2 UDB V6/V7 User.
- **MCP** in Developing and Implementing Web Applications with Microsoft Visual C#.NET & VS .NET (70-315)
- Microsoft .NET Framework 2.0 - Application Development Foundation (70 – 536)

Work / Project Summary	
Project Name	**Shaivam.org Web Applications Development & Maintenance**
Duration	Apr 2021 to till date
Organization	Shaivam.org Trust (Shaivam.org)
Project Description	• Shaivam.org Web Applications – Content Management Development & Maintenance • Automated Audio/Video files Workflow through React.js libraries • Enhancement of Required Business Logic/Screens • Apps hosted in Cloud Services (Digital Ocean) Management • Software Quality Testing
Role	**Technical Lead (Both Front-end & Back-end)**
Technical Stack	• PHP, Rest APIs • Node.js, JavaScript, jQuery • MySQL Database, Git/GitHub

Project Name	**Consulting Projects Works**
Duration	Dec 2016 to Mar 2021
Organization	Consulting Projects
Project Description	• Python development for automation and complex requirements • Cloud Services (Heroku/Firebase deployment) • Web development (PHP, Python, React.js) • Scraper script written for particular site - data formatter script written to convert data from site's format to client's format • Software Quality Testing (Manual and Selenium Testing)
Role	Project Consultant
Technical Stack	• Python, Rest APIs • Node.js, React.js, JavaScript • MySQL Database, Git/GitHub

Project Name	**HnM, Stories US Expansion**
Duration	Apr2014 to Nov2016
Organization	**TATA Consultancy Services, Chennai.**
Client	Hennes & Mauritz AB, Sweden
Project Description	The project contributes to New Business Online expansion to start up the Stories Online in US for Phone and Web Orders based on the Enova framework/platform. It involves mainly in expanding the existing codebase of Stories EU to US by doing the following enhancements: • Enova BackOffice Configuration changes • Development of new screens to support US Market like Saved Card, Tax Setup etc.

	• Publish/Deploy/Test stories US code in Dev/Atest and Prod Webservers.
Role	**Project Leader & Tech Lead**
Responsibilities	• Followed the Agile process involving in all the Sprints • Responsible for planning and estimation of development effort for various modules. • Enova Framework Understanding & Analysis • Analyzing Resource Requirements • Coding & Testing • Daily scrum call with all Team members to keep track of the activities. • Involved in the Quality process and conducted periodic reviews on the project.
Technical platform	• Operating System - Windows 7, IIS 7.0 • Front End - .Net 4.0, C#.NET, ASP.NET MVC • Technologies - MVC and Enova Framework • Database - SQL Server R2
Location(s)	TRIL, Taramani, Chennai

Project Name	**FIS, Files Receiver Engine**
Duration	Mar2013 to Mar2014
Organization	**TATA Consultancy Services, Chennai.**
Client	Fidelity Information Services, USA
Project Description	Receiver Project involves in implementing the automation service which will receive and process all different kinds of ASCII/ XML format files and will make it to standard/compatible XML file format system which will be processed by the FIS payroll engine. Following are the features of the system: • Mapping tools screen is provided to map different ASCII/ XML files to the standard XML format to make map files. • All kinds of ASCII flat files and XML files are received through secured FTP and scanned for ant-virus. • The ASCII files are validated against their meta data file(map files) and XML files are validated with its corresponding XSD • Once validated successfully, the receiver engine will convert the ASCII/XML file to the standard/compatible XML file format system which will be processed by the FIS payroll engine
Role	**Module Leader & Tech Lead**
Responsibilities	• Involved in all phases of the Software development life cycle (SDLC) that includes Requirements Study, Analysis, Design, Development, Testing, implementation, maintenance and post production support

	• Proposal of new workflow architecture • Responsible for planning and estimation of development effort for various modules. • R&D work in WebAPI & .Net Nuget • Database Design & Analysis • Analyzing Resource Requirements • Coding & Testing • Daily project discussion and providing status report to client. • Involved in the Quality process and conducted periodic reviews on the project. • Software Testing(writing test cases and executing test cases)
Technical platform	• Operating System - Windows 7, IIS 7.0 • Front End - .Net 4.0, C#.NET, ASP.NET WEB API • Technologies - Windows Service, Web API and Nuget • Database - SQL Server R2
Location(s)	Chennai One SEZ, Thoraipakkam, Chennai

Project Name	**FIS, Dayforce Payroll Engine Enhancement**
Duration	Apr 2012 to Feb2013
Organization	**TATA Consultancy Services, Chennai.**
Client	Fidelity Information Services, USA
Project Description	FIS is building in Dayforce its next generation payroll engine. The goal is to provide an "integrated tax experience" for the client, while using architecture more similar to the Stand-Alone model. Periodic, quarterly and annual files will be passed, like the Stand-Alone model. This project involves in doing various enhancements in the existing payroll engine
Role	**Module Leader & Tech Lead**
Responsibilities	• Involved in all phases of the Software development life cycle (SDLC) that includes Requirements Study, Analysis, Design, Development, Testing, implementation, maintenance and post production support • Responsible for planning and estimation of development effort for various modules. • R&D work in various Payroll processing modules • Database Design & Analysis • Analyzing Resource Requirements • Coding & Testing • Daily project discussion and providing status report to client. • Involved in the Quality process and conducted periodic reviews on the project. • Software Testing(writing test cases and executing test cases)

Technical platform	• Operating System - Windows XP, IIS 6.0 • Front End - .Net 4.0, C#.NET, ASP.NET, ASP • Technologies - Windows Service, WCF • Database - SQL Server R2
Location(s)	Chennai One SEZ, Thoraipakkam, Chennai
Project Name	**Ceridian – EIWO Processing**
Duration	Mar 2011 to Mar2012
Organization	**TATA Consultancy Services, Chennai.**
Client	Ceridian Tax Services, USA
Project Description	EIWO Processing involves in implementing the automation service which will process the Wage Order files which are placed in SFTP folder. Following are the features of the system: • The EIWO xml files are parsed (using XPath), validated (using XSD) and extracted data stored in database • The processed data is used for creating SUP and Acknowledgement XML files. • The SUP files are placed in the share folder, where the Empower Auto Import service will pick it up for processing. • Acknowledgement files are placed back in the SFTP folder. • After wage order processing, PDF files will be stamped, Barcode PDF Index sheet generated using iTextSharp and merged with stamped PDF, then PDF files converted to TIFF files and placed into the Stellent path. • EIWO Web Dashboard displaying the report for the processed EIWO and Acknowledgement files.
Role	Module Leader & Tech Lead
Responsibilities	• Involved in all phases of the Software development life cycle (SDLC) that includes Requirements Study, Analysis, Design, Development, Testing, implementation, maintenance and post production support • Proposal of new workflow architecture • Responsible for planning and estimation of development effort for various modules. • R&D work in iTextSharp & PDFRasterizer.NET • Database Design & Analysis • Analyzing Resource Requirements • Coding & Testing • Daily project discussion and providing status report to client. • Involved in the Quality process and conducted periodic reviews on the project.
Technical platform	• Operating System - Windows XP, IIS 7.0 • Front End - .Net 4.0, C#.NET, ASP.NET • Technologies - Windows Service, iTextSharp, TX Text Control.Net, PDFRasterizer.NET

	• Database - Oracle 10g
Location(s)	Chennai One SEZ, Thoraipakkam, Chennai
Project Name	**AIG-HDI, UR Letter Efficiency System**
Duration	Aug 2009 to Feb2011
Organization	**TATA Consultancy Services, Chennai.**
Client	Health Direct Inc, USA
Project Description	The UR Letter Efficiency System involves in implementing a new automation workflow architecture which eliminates the existing manual letter design & printing. This is mainly achieved by windows service consuming TX Text Control .Net Server (Centralized Document Storage & Letter design), PDF Rasterizer .NET routines, and Dot Net 3.0's System.Printing.DLL routines. etc.
Role	Project Leader & Tech Lead
Responsibilities	• Involved in all phases of the Software development life cycle (SDLC) that includes Requirements Study, Analysis, Design, Development, Testing, implementation, maintenance and post production support • Proposal of new workflow architecture • Responsible for planning and estimation of development effort for various modules. • R&D work in TX Text Control.Net & PDFRasterizer.NET • Database Design & Analysis • Analyzing Resource Requirements • Coding & Testing • Daily project discussion and providing status report to client. • Involved in the Quality process and conducted periodic reviews on the project.
Technical platform	• Operating System - Windows XP, IIS 6.0 • Front End - .Net 3.0, C#.NET, ASP.NET, ASP • Technologies - Windows Service, TX Text Control.Net, PDFRasterizer.NET • Database - SQL Server
Location(s)	Chennai Technology Center, Sholinganallur, Chennai

Project Name	**American General, Fax Automation System**
Duration	Jun 2008 to Jul 2009
Organization	**TATA Consultancy Services, Chennai.**
Client	American General, USA

Project Description	Fax Automation involves in implementing a new automation workflow architecture which eliminates the existing manual faxing. This is mainly achieved by windows service consuming RightFax Server API routines such as initializing fax server/fax client object, creating fax object with actual fax letter, sending fax, checking fax status using fax status & error codes etc.
Role	Project Leader & Tech Lead
Responsibilities	• Involved in all phases of the Software development life cycle (SDLC) that includes Requirements Study, Analysis, Design, Development, Testing, implementation, maintenance and post production support • Proposal of new workflow architecture • Research & Development work in RightFax • Database Design & Analysis • Analyzing Resource Requirements • Coding & Testing • Daily project discussion and providing status report to client. • Involved in the Quality process and conducted periodic reviews on the project.
Technical platform	• Operating System - Windows XP, IIS 6.0 • Front End - .Net 3.0, C#.NET, ASP.NET, ASP • Technologies - Windows Service, TX Text Control.Net, RightFax Server • Database - SQL Server
Location(s)	Chennai Technology Center, Sholinganallur, Chennai

Project Name	**AIG – HDI, Case Management System**
Duration	April 2006 to May 2008
Organization	**TATA Consultancy Services, Chennai.**
Client	Health Direct Inc, USA
Project Description	The CMS (Case Management System) is an application that handles Injury related disability Workers Compensation claims. The objective of the application is to bring the claimant back to work at the earliest by maximizing the employees' return-to-work outcomes and productivity, while minimizing the costs and administrative burden.
Role	Project Leader
Responsibilities	• Analyzing Business Requirements • Analyzing Resource Requirements • Understanding Application Flow-Logic • Coding & Testing

Technical platform	• Operating System **:** Windows XP, IIS 6.0 • Front End **:** C#.NET, ASP.NET, ASP • Database **:** SQL Server 2000
Location(s)	Chennai Technology Center, Vadapalani, Chennai

Project Name	**ToolKit, AIG**
Duration	June 2004 – April 2006
Organization	**TATA Consultancy Services, Chennai.**
Client	American International Group, USA
Project Description	ToolKit is an web-based application which enables users to assign value added activities to claims refreshed from LMS, process pending claims efficiently, schedule, record and review activities pertaining to the claims, extract user specific and claim specific details in the form of reports/screens and monitor the reserve projections /changes for claims.
Role	Developer
Responsibilities	• Analyzing Business Requirements • Analyzing Resource Requirements • Understanding Application Flow-Logic • Coding & Testing
Technical platform	• Operating System- Windows XP, IIS 5.1 • Front End - .NET Framework, VB.NET, ASP.NET • Database - SQL Server 2000
Location(s)	Chennai Technology Center, Vadapalani, Chennai

Project Name	**SanQuote, Sanlam**
Duration	May 2005 – July 2005
Organization	**TATA Consultancy Services, Chennai.**
Client	Sanlam, South Africa
Project Description	SanQuote is a windows based application which will generate quotation for policy holders based on insurance policy. The features of SANQUOTE are: Localization - Application will support both English and Afrikaans. External Interface - It is interacting with external interface like Magnum, ProPlanner etc. Ease of Customization - The parameterization built into SanQuote enables easy customization to meet varied requirements.
Role	Senior Developer
Responsibilities	Design and Development - Involved in the development of Quotation module. Documentation - Involved in drafting the design documents

Technical platform	• Operating System- Windows XP • Front End - .NET Framework, C#.NET • Database - MSDE • Tools - Visual Source Safe(VSS)
Location(s)	Chennai Technology Center, Vadapalani, Chennai

Trainings Undergone

Course	Duration	Conducted By	Course Programs
WBT	Jan 2014 To Jan 2016	TATA Consultancy Services, Chennai	ASP.NET MVC, jQuery, Retail Domain Basics.
WBT	Jan 2013 To Dec 2013	TATA Consultancy Services, Chennai	iSecurity Training, .Net 4.0, ASP.NET WEB API, Nuget
WBT	Jan 2012 To Dec 2012	TATA Consultancy Services, Chennai	Net 4.0, .Net Design Patterns, LINQ, PLINQ
WBT	Jan 2011 To Dec 2011	TATA Consultancy Services, Chennai	HSE Training, .Net 4.0, ASP.NET MVC
WBT	Jan 2010 To Dec 2010	TATA Consultancy Services, Chennai	Project and Service Management, Project Management Processes and Tools, Communications Planning and Information Distribution, Controlling Project Scope, Creating and Defining a Project
WBT	Jan 2009 To Dec 2009	TATA Consultancy Services, Chennai	Introduction to Requirements Planning, Continual Service Improvement Fundamentals
WBT	Aug 2007 To Dec 2008	TATA Consultancy Services, Chennai	Microsoft Visual Studio Team System Planning and Starting the Deployment of a .NET Web Application, SQL Server 2000 Programming Business Logic
Classroom	Apr 2004 To Jun 2006	TATA Consultancy Services, Chennai	Software Engineering Modules (Requirements Engg, System Engg, Software Development Process and Software Design Overview)

Personal Details

Sex – Male | **Marital Status -** Married | **Languages Known -** English, Tamil, and Hindi.