CURRICULUM VITAE

JYOTI K C

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A passionate individual with 12 years of experience on Microsoft technologies and hands on experience in Front-end technology like Angular and ReactJS. Currently working as Developer III in Agile environment with diverse project handling and team management skills. Self-motivated individual with an ability to work with minimal supervision and good leadership and interpersonal skills.

Professional Summary

- About **12 year** of experience and highly skilled as a **Full Stack Developer** and **Technical Lead** with a strong background in multiple programming languages and platforms.
- Working as a **Developer III** responsible for developing resilient applications across the globe and supporting **APAC** Client Services team.
- Joined as a **Senior Software Engineer** with the role of **Team Lead**, responsible in dedicating team with company objectives and train the team with delivery of the projects.
- Skilled in **building**, **training**, **mentoring** high-performing **teams** and consistent delivery of strategic software projects.
- Worked on range of projects including implementation of new and existing systems and providing software solutions.
- Involved in preparing project plans and creating time estimates, identifying requirements, and managing resources to ensure the deadlines are met by the team.
- Proficient in **Object-Oriented Concepts** and experienced in managing all aspects of **software development lifecycle (SDLC) from initial capture of requirements through development, testing, delivery, and enhancement**.
- Experienced in **designing and building architecture for cloud native** application on **Amazon Web Services**.
- Strong experience in design and development of **web-based applications** using **ASP.NET Web Forms, ASP.NET MVC and ASP.NET Core**.
- Hands on experience on desktop or WinForms, console and batch application using **.NET Framework** and **.NET Core**.
- Worked on different **.NET platforms as .NET Framework 3.5/4.0/4.5/4.6/4.7/4.8, .NET Core 1.0/2.1/3.1/5.0** with **C#** language.
- Developed and deployed applications using different .NET Framework components as **ASP.NET MVC, Web API, Web Pages, Razor Pages, ASP.NET Ajax Control Toolkit, ASP.NET SignalR, Entity Framework, ADO.NET, LINQ** and **NuGet**.
- Solid experience on **Java Script, jQuery, HTML, CSS, Preprocessor CSS like SASS, LESS, SCSS.**
- Knowledgeable in developing **single page applications** with **Angular JS, Angular** and **ReactJS.**
- Experience in writing **Service Contracts** and **Data Contracts** in **WCF.**
- Knowledgeable in **Windows Presentation Foundation (WPF)** and **Universal Windows Platform (UWP).**
- Worked on different mobile platforms like **Android, Flutter and Apache Cordova**.
- Proficient in version controls systems like **Git, TFS, SVN** and **BitBucket**.
- Exposure in new technologies like **gRPC, Minimal API** on **.NET Core 6.0**, Jupyter Notebook with .NET Core.
- Capable of writing **SQL** queries with **MS-SQL, My-SQL, PostgreSQL** and **SQLite** database.
- Exposure to other libraries like **DevXpress, Infragistics, Aspose, Crystal Reports**.
- Familiar with CI/CD like **Azure CI/CD, Bamboo** and **Github Actions**.
- Acquaintance with .NET CMS or applications like **Umbraco, DotNetNuke, Simplecommerce, SageFrame, AspxCommerce**.
- Familiar with **Software Design Pattern**
- Supported and rewrote applications on COBOL, MS-Access, PHP, Pentaho, SSIS and .NET Technologies.

Technical Skills

Languages	**:**	PHP, C#, SQL, Dart, COBOL, QBASIC, C, C++, Java, JavaScript, LINQ, RUST, TypeScript
.NET Technologies	**:**	.NET Framework, .NET Core, ASP.NET Web Forms, ASP.NET MVC, WCF, WPF, Web Services, ASP.NET Core, Web API, SOAP, ADO.NET, Entity Framework, SignalR
Web Technologies	**:**	HTML, DHTML, XSLT XML, JS, TypeScript, jQuery, CSS, Bootstrap, Moment, SASS, LESS, SCSS, AngularJS, Angular, Knockout JS, NodeJS, Moodle, Wordpress, Webpack
Database	**:**	MS-SQL (2008 R2, 2012, 2014, 2016), MongoDB, Oracle 10g, MySQL 5.5.24, PostgreSQL, SQLite
Database Tools	**:**	SQL Server Management Studio (SSMS), MySQL, Azure Studio, Redis Manager, DBeaver
ETL Tools	**:**	SQL Server Integration Services (SSIS), Pentaho
Project Management Tools	**:**	Jira, Trello, Bgile, Mantis, Zoho
Version Control	**:**	GIT, SVN, Team Foundation Server (TFS), Bitbucket
Cloud Platforms	**:**	Amazon Web Services (AWS), Microsoft Azure
IDE	**:**	Visual Studio (2010, 2012, 2013, 2015, 2017, 2019, 2022), Visual Studio Code, Eclipse, NetBeans, Adobe Dreamweaver, Sublime Text, Android Studio, OpenCobolIDE
Test Frameworks	**:**	xUnit, NUnit
Operating System	**:**	WSL with Ubuntu, MS-DOS, MS-Windows (3.1, 95, 98, 2000, XP, Vista, 7, 8, 8.1, 10, 11), Windows Phone 7, Windows Phone 10, Android, AMI Linux
CMS	**:**	Umbraco CMS, SageFrame CMS, Moodle
Web Server	**:**	IIS 7.5, IIS 8.5, IIS 10, Apache 2.2
Caching	**:**	Redis
CI/CD	**:**	Azure Pipelines, Bamboo, GitHub Actions
Others	**:**	Resharper, SonarQube, Splunk, Kibana, New Relic, Glimpse, HashiCorp Vault, Crystal Reports, DevExpress, MS-Access, Octopus, Pager Duty

Academic Qualifications

Bachelor of Information Management (BIM) from Nagarjuna College of Information Technology, Lalitpur affiliated to Tribhuvan University, Kathmandu (Year 2009-2013)

Professional Experience

Verisk Analytics Inc.

Developer III   October 2022 – Current

Verisk Risk Rating Pty. Ltd.

Brisbane, Australia

Responsibilities

- **Architecture, estimate** and implement the necessary improvements for an existing application.
- Develop **Physical** and **Logical** architecture of existing and new applications on AWS cloud**.**
- Architect new applications required to support business process.
- Involve in client's technical meetings to gather **new requirements** and **support integration** of existing applications.
- Work and manage the application and its supporting products on **HTML, CSS, jQuery, JS, Angular, AngularJS, ReactJS, SPA, .NET Web API**
- Follow **agile** methodology for **planning, grooming** and **retrospective.**
- Write **Code** with **Unit Tests** to maintain **80%** of the **code coverage** in **SonarQube.**
- Provide **SLA** reports to Client Services team to ensure **99.99%** of the server time.
- Involve in mentorship program to acquire new talent and grow existing people.

Senior Software Engineer   December 2021 – October 2022

Verisk Pvt. Ltd.,

Lalitpur Nepal

Responsibilities

- Build architecture for **cloud native apps** using **Amazon Web Services (AWS)**
- **Architect on rewrite or migration** from older technology to new competitive technology
- **Architect and rewrite COBOL** application to **.NET Core with C# console** application and hosted as **AWS Batch**
- Migrate on-premises application to **AWS** with use of different services like **AWS Batch, AWS S3 Bucket, AWS Lambda** and others.
- Work and manage multiple projects to rewrite and maintain applications on **HTML, CSS, jQuery, JS, Angular, Angular JS, ASP.NET Web API, .NET Core Console, ASP.NET Web Forms, PHP, Moodle,** and **Pentaho**.
- Implement **Unit Testing** and **SonarQube** to ensure code quality and security.
- Track application on **Splunk, New Relic** and **Elasticsearch** to ensure high performance and bug free application.
- Track and assist to ensure the smooth running of scheduled jobs on **Amazon Web Services (AWS)**
- **Code Review** and track the work produced by peer developers.
- Involve in **planning, grooming** and **retrospective** of the **sprint** following the **agile** methodologies.
- Involved in debugging, logging, and tracking issues.
- Guide development **teams** through **coaching, session,** or **mentorship**
- **Provide reasonable estimates** for project timelines from design until delivery.
- Guide teams for **best code practices** and **good habits**
- Take **responsibility** in making strategic decisions to **ensure** implementation of **initiatives.**
- Participate in **project review meetings** to provide update on progress.
- Involve in **performance evaluation** and **one-to-one meetings** with team members.
- Involve in **technical interviews** for **on-premises** and **offshore team.**
- **Lead, mentor** and **facilitate traineeship** programs.

Projects: GRD, RA Products, ISO Education, ISO Portal, SAVI-R, CIM, NJAIRE, DQID

Environment : .NET Framework 4.0/4.5/4.6/4.7/4.7, .NET Core 2.1, 3.1, 6.0, HTML5, CSS, JS, jQuery, AngularJS, Angular, ReactJS, ASP.NET Web API, SOAP, WCF, Pentaho, C#,MS-SQL, PostgreSQL, Moodle, MS-Access, COBOL, Amazon Web Services (AWS), Amazon EC2, Amazon EFS, S3 Bucket, Amazon CloudWatch, Amazon Cognito, Amazon API Gateway, Amazon FSx, Amazon Cognito, AWS Batch, AWS Lambda, AWS Step Functions, AWS Tools and SDKs, Jira, Bitbucket, Bamboo, Octopus, SonarQube, Splunk, New Relic, Elasticsearch, Entity Framework Core, ADO.NET, Postman, LINQ, Salesforce, SOQL, HashiCorp Vault, Okta, Pager Duty

ByProxy Nepal Dot Com Pvt. Ltd.

Lalitpur, Nepal

Senior .NET Developer   December 2018 – December 2019

Responsibilities

- Maintain and improve the **performance** of existing software.
- Use of different **Azure services** like **Queue, Blob and Azure CDN** to ensure best delivery of the application content.
- Use of scheduler and **SQL Server Integration Services** (**SSIS)** to schedule loading of Data from other vendors
- Making changes to existing web application according to the business requirement of the company
- Serve as an expert on applications and provide technical support.
- Lead, mentor, guide and evaluate team members.

Projects: Blinqlab BackOffice, Citroen Lead Management System, Peugeot Lead Management System

Environment: C#, ASP.NET Web Forms, ASP.NET MVC, MS-SQL, jQuery, Knockout JS, SQL Server Integration Services (SSIS), Team Server Foundation, Microsoft Azure, Azure Pipelines, Azure Blob Storage, Queue Storage, Virtual Machines, Microsoft Azure Portal, Zoho

Silent Turtle Pvt. Ltd.

Lalitpur, Nepal

Project Lead   March 2017 – November 2018

Responsibilities

- Involve in **requirement analysis** and **conceptualizing** with client as well as team.
- Lead and supervise project and involve in estimation, scheduling and planning of the project.
- Ensured deadlines were made.
- Lead and supervise team to follow Agile development methodology.
- Lay hands-on **technical design documents, proposal documents**, **user manuals** and other documents.
- Code on **ASP.NET Core** with **C#** and **Dapper** and write **SQL** queries to develop application.
- Involve in **monitoring systems** and **logs.**
- Design, maintain and monitor system checks for scalable database and system performance.
- Contributed to **technical solution** in the development process from design to code development.

- **Design** and **develop database software** to meet the project requirement.

Projects: Tixalaya (Theater Management System), QFXTix (QFX Ticketing System)

Environment: ASP.NET Web API, ASP.NET MVC, ASP.NET Core, C#, Dapper, Entity Framework, LINQ, Lambda, MS-SQL, JS, CSS, HTML, Bootstrap

Braindigit IT Solution Pvt. Ltd.

Kathmandu, Nepal

Software Engineer   January 2015 – February 2017

Responsibilities

- Design, code, and test new software applications
- Proactively initiate, develop, and maintain effective working relationships with team.
- Utilize established development tools, guidelines and conventions including but not limited to **.NET Technology, SQL Server, XHTML, CSS, JS, and C#**
- Work on code quality and performance optimization for **Open-source** projects
- Contribute to the open-source community projects like **AspxCommerce** and **SageFrame**
- Implement the **Bgile Development** methodology and maintain project documentation compliance to the methodology.

Projects: AspxCommerce, Simpal, Smartshopy, Store Crown

Environment: C#, ASP.NET MVC, ASP.NET Core, ASP.NET Web Forms, Java Script, jQuery, HTML, CSS, Bootstrap, Git

Ebpearls Pvt. Ltd.

Kathmandu, Nepal

Junior Software Developer   June 2014 – January 2015

Responsibilities

- Write codes as per company standards to develop high end websites/web application in **ASP.NET MVC /AngularJS/jQuery /C#/MS SQL SERVER**
- Prepare work plan for the project tasks daily, and provide the work status report at the end of the day based on the work plan prepared
- **Communicate** to the **Project Manager/Team Leader** with efficiency, accuracy, progress and/or delays on the project
- Share knowledge and ideas among other developers on the project or tools used, or on any innovation made to project
- Prepare project documents for each project, including project development report and project completion report

Projects: Secure Parking, West One Music, VideoHelper

Environment: C#, ASP.NET MVC, Umbraco, Angular JS, CSS, HTML, Team Server Foundation (TFS)

UniAxial Software Pvt. Ltd.

Kathmandu, Nepal

Mid Developer   April 2012 – May 2014

Responsibilities

- Develop and maintain Existing and ongoing projects
- Communicate to Project Manager/ Client to understand the requirement and gain business knowledge to implement for problem solving.
- Maintain **functional and technical** documentation.
- **Bug fixes**

Software Developer Intern   January 2012 – March 2012

Responsibilities

- Obtain the knowledge about organization work process
- Obtain the knowledge about the roles and responsibilities of Software Developer
- Developing and implementing skills on .**NET** Technology and **C#** language for web.
- Learn about different tools like SVN for version controlling.
- Develop the overall knowledge of the **.NET Developer**

Projects: FinAstra, LekhAstra, Freed Haliya Rehabilitation Program
Environment: ASP.NET WebForms, ASP.NET MVC, HTML, CSS, SVN, MS-SQL, PHP, My-SQL

Trainings

AWS Cloud	Verisk Pvt. Ltd
Bgile Software Development	Braindigit IT Solution Pvt. Ltd.
Web Application Development (.NET Technology)	Softtech Foundation Pvt. Ltd.
Web Page Design & Development (PHP)	IT Training Nepal
Graphics Designing (Adobe Package)	Arena Multimedia

Other Experiences

- Worked as a part time teacher for S.L.C. and +2 level at different schools and colleges from 2009 to 2013
- Worked as data operator at digitek.com.np Pvt. Ltd. (Authorized Distributor of Ncell Pvt. Ltd.) from April 2006 to September 2006
- Worked as computer technician at Sarbagun Saving and Credit Co-Op. Ltd from May 2008 to August 2009