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Career Summary

- Software developer with deep expertise in .Net and Java technologies possess 9+ years hands on experience
- Proficient in coding and developing the new software
- Strong in Object-Oriented concepts for software design and implementation
- Skilled in requirements analysis and project documentation
- Able to communicate effectively with both technical and non-technical project stakeholders
- Adapt to any programming language and environment
- Worked closely with clients and have served as the Point of Contact for the project

Key Skills and Competencies

- Strong .Net and Java development experience
- Extensive knowledge of JDBC, OLEDB and Relational Database
- Experience with application servers as well as developing and integrating web services
- Writing automated tests using Selenium 2
- Ability to develop creative solutions for complex problems

Employment History

Assistant Professor – June 2015 till Present

K. S. Rangasamy College of Technology, Namakkal, India

Working as Assistant Professor in Department of Artificial Intelligence and Data Science

Duties

- Designed and developed admission portal and fees payment portal
- Designed and developed online web IDE and E-Laboratory system for conducting paperless examination and laboratories in educational institute
- Designed and developed online examination system for engineering subjects for conducting quizzes in educational institute and course coordinator for SAP

Software Developer – Oct 2013 till Present

Freelancer

Working as Freelance Software developer through Upwork.com and earned Top Rated status

Duties

- Researched, identified and documented client's technical requirements
- Deciding project deadlines and ensuring that the assigned work is completed on time
- Involved in designing and development of project
- Supporting and maintaining the software

Software Developer – April 2012 till Oct 2013

Roftr – Coimbatore, India

Worked within a team of highly motivated software engineers to deliver complex solutions to specific technical problems

Duties

- Involved in the implementation phase for developing the servlets classes and JSP
- Worked with HTML, CSS, Java Script, JSON, JSP
- Involved in design and architecture of the application
- Participated in regular requirement and status calls with client
- Preparation of unit test scenarios and unit test cases

Project History

Project: Point of Sale (POS)

Client: Team Spirit Sports, Australia

Environment: .NET 6, C#, JQuery, Bootstrap, MSSQL Server 2019, Visual Studio 2022

Role: Developer

Duration: Sep 2021 – Till Date

Description:

Customized POS retail management software. Provides facility to create bills, manage inventory, track accounts payables/receivables, manage retail POS, collect payment digitally, etc.

Project: Virtual Fabric Showroom

Client: Pearl Global Industries, Vietnam

Environment: .NET 5, C#, JQuery, Bootstrap, MSSQL Server 2019, Visual Studio 2019

Role: Developer

Duration: Feb 2021 – Mar 2021

Description:

Virtual Showroom web portal allows industry to showcase their products in virtual showroom. Allows user to maintain rack, hanger, and products images in showroom.

Project: Online Payment Portal

Client: K. S. Rangasamy College of Technology, Tamil Nadu

Environment: .NET Core 3, C#, JQuery, Bootstrap, MSSQL Server 2019, Visual Studio 2019

Role: Developer

Duration: Sep 2020 – Oct 2020

Description:

Online Payment Portal is specially designed for educational campuses like schools and colleges. It is an online fee collection platform integrated with multiple payment gateways, banks, and digital wallets. Students / Parents can pay fees online from anytime anywhere.

Project: Document Management System

Client: Deuglo Infosystems Private Limited, Bangalore

Environment: ASP, C#, .NET, MSSQL Server 2017, Visual Studio 2019

Role: Developer

Duration: Oct 2019 – Dec 2020

Description:

The Scope of the project is to create a LAN based centralized storage unit which shall provide storage space enabling easy organization and close collaboration with the files in the storage. This allows the sharing of files with colleagues and permissions can be set for each user from read-only to complete access to editing documents.

Project: Length & Girth

Client: Pearl Global Industries, Chennai

Environment: C#, .NET, ASP, Java Script, MSSQL Server 2017, Visual Studio 2019

Role: Developer

Duration: Feb 2019 – Apr 2019

Description:

Desktop application to assess the garments quality by capturing many of the standard points of measure and some detailed profiles of garments to identify the variation in the measurements for garments within manufacturing runs and between different runs.

Project: E-Laboratory

Client: K. S. Rangasamy College of Technology, Tamil Nadu

Environment: ASP, VB, .NET, Java Script, W3CSS, MSSQL Server 2016, Visual Studio 2017

Role: Developer

Duration: Sep 2017 – Jan 2018

Description:

An E-Laboratory facility has been introduced for the better management of Laboratory Courses. E-Laboratory facilitates the subject handlers to set the required fields for the data measurements and evaluation involved in the respective experiments. Subsequently, the students after completing the lab experiment on a particular day, they will feed and submit

the measurement and calculation data in the appropriate fields. The faculty in-charge can validate and evaluate the experiment online.

Project: Web Integrated Development Environment

Client: K. S. Rangasamy College of Technology, Tamil Nadu

Environment: ASP, VB, .NET, Java Script, W3CSS, MSSQL Server 2016, Visual Studio 2017

Role: Developer

Duration: Nov 2016 – July 2017

Description:

The web IDE can be accessed from a web browser allowing for a portable working environment. It contains features such as generating auto code and highlighting the programming languages keywords in different colors to make it easy to read. It supports multiple programming languages such as C, C++, Java, Python, C#, VB, SQL, etc. It is automated to conduct and evaluate programming assessment.

Project: Web Automation Software

Client: Frank Staebe, Australia

Environment: Java, JavaFX, MSSQL, Selenium 2, ASP.NET, Eclipse, Visual Studio 2012

Role: Freelance Software Engineer

Duration: Nov 2015 – May 2016

Description:

Amazon and eBay drop shipping software allow user to select the categories of Amazon product in application. The application will download the product item from the supplier site and then creates the perfect listing and post it in eBay. Once listed, the user can program the application to regularly scan the supplier's websites for product availability (stock outs) and any changes in pricing will be updated in eBay.

Project: Automation Software

Client: Eclipse Racing Pty Ltd, Australia

Environment: Python 2, MySQL, Selenium 2, JSON, XML

Role: Freelance Software Engineer

Duration: Jan 2015 – Sep 2015

Description:

Horse racing software can compile all the available data and make decisions about which horses will have an advantage in a particular race based on how they compare to the other horses in the race. The artificial intelligence built into this horse racing software is quite sophisticated and can see things quickly that may take a human hour to figure out.

Project: Automation Software

Client: Perigon, Australia

Environment: Python 2, MySQL, Selenium 2, JSON, XML

Role: Freelance Software Engineer

Duration: Dec 2013 – Aug 2014

Description:

Data Filter Automation software which will search daily for new listings of real estate details. It will check each new House/Land/Acreage posted, and check the local council website to see what ZONE the property is in. The software can filter all listings by ZONE run-automatically in the background off the PC and advise when new listings are placed which meet certain zone requirements.

Project: Customized Website

Client: Roftr, Coimbatore

Environment: Java, JSP, JQuery, MySql, Eclipse

Role: Developer

Duration: Feb 2013 – Aug 2013

Description:

Resort web application with resort room details and tariff, facilities, gallery with album, instant feedback and search engine optimized coding, inquiry page with back-end Management.

Project: Customized Website.

Client: Roftr, Coimbatore

Environment: Java, JSP, JQuery, MySql, Eclipse

Role: Developer

Duration: Aug 2012 – Jan 2013

Description:

Customized B2B website with restricted product listing pages - only for registered customers, SMS validation, and Masonry layout.

Technical Qualification

Programming Language	:	C#, Java, VB, ABAP
Scripting Language	:	JavaScript
Framework	:	Xamarin, Blazor, JQuery, Android, JavaFX, Angular
Database	:	MS SQL Server, MySQL
Development Environment	:	Visual Studio, Eclipse, Android Studio and SAP

Educational Qualification

Master of Computer Science and Engineering

Passed in first class with 8.05 CGPA in 2015

K. S. Rangasamy College of Technology, Tiruchengode

Bachelor of Computer Science and Engineering

Passed in first class with 7.26 CGPA in 2012

K.S.R. College of Engineering, Tiruchengode

Diploma in Computer Engineering

Passed in first class with honours in 2009, 92.75%

K. S. Rengasamy Institute of Technology, Tiruchengode

SSLC

Passed in first class with 66.45% in 2006

S.P.B. Matric. Hr. Sec. School, Tiruchengode

Short Time Courses & Certificates

- Completed the “Master ASP.NET MVC Core 3” online course conducted by Udemy Online Learning Platform
- Certified in MS SQL Server 2014 Administration through examination administered by BrainBench
- Completed the “Google Cloud Platform Fundamentals: Core Infrastructure” Conducted by Coursera Online Platform
- Recognized as “Wipro Certified Faculty” by Wipro Limited
- Completed ABAP with SAP Netweaver
- Completed the requirements for EMC Academic Associate, Cloud Infrastructure and Services Certificate
- Completed a course on LINUX ADMINISTRATION and MULTIMEDIA conducted by DOTE

International Journals

- Published a paper “Optimization of Efficiency in ABAP Application Program based on Internal Table and Modularization Techniques”, International Journal of Advanced and Innovative Research (IJAIR), Vol-6, Issue-1, March-2019, ISSN: 2348-1269
- Published a paper “Agent based Cloud Computing”, International Journal of Engineering Science and Computing (IJESC), Vol-7, Issue-3, March-2017, ISSN: 2321-3361
- Published a paper “Big Data Solution for Improving Traffic Management System with Video Processing”, International Journal of Engineering Science and Computing (IJESC),

Vol-7, Issue-2, February-2017, ISSN: 2321-3361

- Published a paper “Detection and Rectification of Distorted Fingerprints”, International Journal of Advanced Research in Computer Science Engineering and Information Technology, Vol-4, Issue-3, March-2016, ISSN: 2321-3337
- Published a paper “A System for Analyzing and Eliciting Public Grievances Using Cache Enabled Big Data”, International Journal of Computer and Information Engineering, Vol-9, Issue-2, June-2015, ISSN: 0000000091950263

International Conferences

- Presented a paper “Dual Server Keyword Search with Public Key Exchange using Keyboard Mapping Technique”, International Conference on Recent Innovation in Engineering (ICRIETM), March-2019

National Conferences

- Presented a paper “An Adaptive User Topic Analysis using Profile and Feedback on Twitter”, National Conference on Technical Advancement in Engineering (NCTAE), March-2018

Workshops and Seminars

- Participated in Twelve-Week Faculty Development Programme (FDP) through ICT mode on “The Joy of Computing Using Python” conducted by NPTEL-AICTE, Jul-Oct - 2019
- Participated in CSIR sponsored National Level Workshop on “Recent Development in Modelling of Biomedical Instrumentation Design using Molecular Dynamics (MD) and Monte Carlo (MC) Techniques” conducted by Vellar College of Engineering and Technology’ from 11-07-2019 to 12-07-2019
- Participated in CSIR sponsored National Level Seminar on “Contribution of Mathematical Models in Biomedical Imaging” conducted by Vellar College of Engineering and Technology’ on 14-05-2019
- Participated in One-Week Short Term Training Programme (STTP) through ICT mode on “Development of Laboratory Instruction and manual” conducted by National Institute of Technical Teachers’ Training and Research, Kolkata from 04-April-2019 to 08-April-2019
- Participated in Four-Week Faculty Development Programme (FDP) through ICT mode on “Use of ICT in Educational for Online and Blended Learning” conducted by Indian Institute of Technology, Bombay from 02-May-2016 to 10-July-2016