RASMI ROY

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PERSONAL STATEMENT

I am a motivated and experienced software developer looking to resume my career after dedicating the last four years to raising my son. I am eager and committed to restart my career on full-time basis.

PROFESSIONAL PROFILE

- Experience in various aspects of Information Technology including Analysis, Design, Development, Implementation and Testing of Web-based applications
- Four years' experience in website development and design using LAMP (Linux/Apache/MySQL/PHP) platforms, JavaScript, HTML, CSS, along with responsibilities for the management of database performance, backup, replication, capacity and security.
- Experience in developing applications using Microsoft ASP.NET, VB.NET, XML, Web Services, Content Management System, VB 6.0, ASP, IIS, Visual Studio 6.0.
- Expertise in creating Web Forms, User Controls and Custom controls using VB.Net, ASP.Net, HTML, CSS, XML, VBScript, JavaScript, Visual Basic, Visual Studio.NET.
- Experience with the following databases: mySQL, SQL Server
- Experience and knowledge of AngularJS and commonly used modules.
- Proven record of working in both small and big teams under stringent time constraints.
- Experience in providing support for maintaining and expanding existing data collection and data delivery platforms
- Experience in acquiring data from different sources and developing data systems that support analysis and reporting
- Experience in creating new data collection systems that optimize data management, capturing, delivery and quality

PROFESSIONAL SKILLS

Technical Skills

Language & Platforms
- PHP with OOP
- JavaScript
- AJAX
- Microsoft .NET Framework
- C#, C++, JAVA, C
- ASP.NET

Standards
- HTML 4.01
- XHTML 1.0/1.1
- CSS1,CSS2

JavaScript Libraries
- jQuery

Javascript Framework

- AngularJS

PHP Libraries
- PHPGraphLib
- pChart

Operating Systems
- Windows Server 2003, Windows XP, Windows Vista/7
- Linux

Editors
- Microsoft Visual Studio 2008/2010
- Eclipse
- Dreamweaver
- NetBeans 7.2
- PuTTY

DBMS
- MySQL, SQL Server (2005, 2000),SQLyog

Web Services
- REST(Representational State Transfer)

EDUCATION & CERTIFICATION

B Tech (Bachelor of Technology), Computer Science   SEP 2004 - DEC 2008
University of Calicut, India.

Microsoft Certified Technology Specialist   MAR 2009
        .NET Framework 2.0 Web Applications
        .NET Framework 2.0 Windows Applications

PREVIOUS EXPERIENCE

Software Developer: JAN 2013 - OCT 2013
Northwestern University, Evanston, IL
School of Education and Social Policy

My responsibilities included:

- Developing and testing the mobile application iLab, that provides opportunities for the remote delivery of scientific laboratory experiments. iLab has helped almost 6,000 high school students and teachers in the United States and around the world to use world-class laboratory equipment online. It won the prestigious 2013 Innovations in Networking Award for Educational Applications
- Maintained project documentation.
- Involved in application design using PHP, CSS, Javascript, HTML and AngularJS to meet validation requirements.
- Communicating with external web services, using REST API.

Web Developer: FEB 2012 – JAN 2013
TD Mobility, Libertyville, IL

My responsibilities included:

- Back end and front end development and maintenance of websites using PHP OOP and MySQL
- Testing and validating work produced as part of the development process
- Developing compatible user interface functionality with PHP, jQuery and Javascript
- Documenting features, technical specifications and infrastructure requirements
- Working with a multi-disciplinary team to convert business needs into technical specifications
- Created dashboard widgets for the customer service team to monitor the up-to-date activities of the ticket system using the PHP libraries
- Also transferred the all the existing ticket system data to a new customer support platform called Zendesk using the REST API with cURL and libcURL
- Monitoring and updating the software and website bug statuses and IT development activities using the project tracker called JIRA on a daily basis
- Maintained the company's carrier billing system, which allows the streamlining of customers' wireless infrastructure by offering multiple-carrier consolidated billing
- Maintained the database, renewed it and improved it from time to time
- Prepared data analysis reports compiling data from a number of sources and was accountable for answering to any queries, complaints or proposals
- Used existing tools to monitor behaviours within the business, and proactively identified key areas of improvement
- Examined for solutions using data analysis practices and produced analysis reports

PHP Programmer: DEC 2011 – JAN 2012
Lightology LLC, Chicago, IL
Contract position

My responsibilities included:

- Development of dynamic web application and maintenance tools.
- Created complex selects, inserts, updates and joins using MySQL.
- Gained experience with stored procedures in MYSQL
- Manipulation of project files using Tortoise SVN

Web Developer: SEP 2010 -- DEC 2011
Partner Data LLC, Evanston, IL

My responsibilities included:

- Design, development and updating of various consumer websites including, but not limited to; CouponMob.com, BrandSampleNetwork.com, NationalDiningCoupons.com, FamilyCouponNetwork.com & CouponSavingsNetwork.com.
- Responsible for PHP backend development for dynamic database driven websites
- Assessing the look, feel, structure and flow as well as integration of the related systems with the business in an efficient manner
- Design and implementation of user driven templates and interfaces for ease of use
- Implementation and hosting of systems on a web server

Programming Intern: JUN 2010 -- SEP 2010
AI Incube, Inc. Chicago, IL

- Worked with a team of developers on creation of a smartphone application to assist with city parking.

- Coding web pages using CSS, HTML and programming languages including JAVA, JavaScript and MySQL
- Ensuring strong optimization and functionality of websites
- Assisting in the planning of overall company policy regarding search engine optimization and web development
- Analysing, testing and modifying web systems

GRADUATE PROJECT   FEB 2008 -- DEC 2008

Remote Surveillance System:
The aim of the project was the remote survey of materials to measure the physical constants such as temperature and pressure using a robocar which can be controlled using a computer. The cruise control of the car was carried out by the computer. Development Platform: Java, C, J2EE, MP Lab
- Involved in developing applications using Java and J2EE.
- Programmed and compiled the PIC microcontroller 16F84 using C and Assembly language.
- Designed the Zigbee wireless technology, based on the IEEE 802.15.4 standard, for the wireless communication between the computer and the robocar.

CURRENT IMMIGRATION STATUS

Valid work visa (H4) with Employment Authorisation Document (EAD: 11/16/17 to 09/30/2019)

REFERENCES
Available upon request