Dirgh Vijaykumar Buch
dirghbuch@live.com
10/4 McGrath Court, Richmond, VIC
+61 470 639 377
www.dirghbuch.com

Passionate programmer with high energy and self-motivating attitude with 3+ years of experience in web developement. My experience ranges from CMS like Wordpress, Joomla to PHP frameworks like Codeigniter, Yii. Ability to analyze and offer performance oriented solutions to complex scenarios. Professional, flexible and adaptive attitude. Enthusiastic to learn new technologies and apply into project.

CAREER OBJECTIVE

"To be a part of an environment that promote initiative, hard work and learning through constructive criticism and be able to shoulder more responsibility progressively"

WORK EXPERIENCE

Network2share Pty. Ltd.
Software Engineer-November 2013 to till date

Developing web administration console for a C++ based backup software. My major responsibilities are following but not limited to;
- Database system design
- Development, maintenance, testing and evaluation of central web console functionalities
- Development of related application programming interface
- Design and development of communication protocol between database server and C++ based software
- Technical documentation of software architecture and functional modules
- Unit testing, validation and System Integration

Vevento Innovations Pvt. Ltd.
Senior Software Engineer - June 2012 to February 2013

Worked on PHP/MySQL based projects in frameworks like CodeIgniter, Yii, Wordpress, Social Engine. Integration of HTML design and adding user experience improvement feature using HTML, CSS and Jquery/Javascript.

My major responsibilities were following but not limited to;
- Feasibility analysis and Technology selection report documentation
- Database design and Back end administration development of projects.
- Integration of design provided by web designer
- Testing and debugging of modules allocated to me
- Integrating all the modules into system
- Development of user experience features
- Creating and documenting APIs for mobile application
- Creating manuals and tutorials for modules
- Communicating with clients about requirement details and feedback
- Setting up the deployment environment of a project

I worked upon domains like online food ordering website (www.comamosalgo.com), Google map based application for tactical monitoring, Social Networking/Dating Site (www.recommendating.com), Networks of news sites etc.

Vevento Innovations Pvt. Ltd.
Software Engineer, October 2011 to February 2012 (Part time 30 hours a week)

I worked on PHP/ MySQL project majorly developed in CodeIgniter frame work and user experience improvement features developed in JQuery. I also worked with Titanium Appcelerator for a mobile application development. My duties were like following but not limited to;

- Developing back end administration control panel
- Integrating HTML designed given by web designer
- Mobile application development using Titanium Appcelerator
- Developing and documenting APIs for mobile application
- Testing and debugging modules of the project

I worked on Google map based application and mobile application to communicate with mobile devices over BlueTooth.

Vevento Innovations Pvt. Ltd.
Software Engineer, January 2010 to November 2010

I worked on PHP/ MySQL project majorly developed in CodeIgniter frame work and user experience improvement features developed in JQuery. My duties included following tasks but not limited to;

- Developing back end administration control panel
- Integrating HTML designed given by web designer
- Testing and debugging modules of the project
- Regular report to project manager and director regarding progress of project
- Cross browser compatibility testing and modification
- Development of user experience improvement modules with JQuery and Ajax
- Creating tutorials and manuals of the modules

I worked on tourism web application (www.coorgexpress.com), shopping mall related interactive website (www.mallwhiz.com) etc.

360 degree Technosoft
Senior Software Engineer - July 2010 to December 2010 (Part time 24 hours a week)

I was a part of the founder team who set up a company. I was responsible for Workflow Design, Subversion setup, Graduate training, Company website setup, Team creation and Inter team communication mechanism setup. My tasks were following but not limited to;

- Developing back end administration control panel
- Integrating HTML designed given by web designer
- Testing and evaluation of the projects
- Setting up development environment in the company
- Setting up tools and softwares to maintain code repository and integrity with client

I developed following projects during my tenure,
o Developed a tourism related informative website for a tourism company based in Ahmedabad.
   www.wanderwild.in
o Developed a website for Ahmedabad based optician. The website had unique feature "**Frame on Your Face"**. This feature was developed using *jquery.* Using this feature one can see how selected frame will look on his face.
   www.shethopticals.com
o As a part of the team developed various small project modules.

ACADEMIC PROJECTS

- o **Optimizing vision benchmark for GPU:** This project was a part of M.Tech final semester curriculum. In this project parallelization of applications of San Diego Vision Benchmark (SD-VBS) is carried out on GPU and optimization in terms of execution time. The project was implemented in CUDA C and the performance was analyzed to make an automatic parallel code generation tool.
- o **Study and Simulation of Data structures on Multicore Architecture:** This project was a part of M.Tech third semester curriculum. In this project comprehensive study of lock-free data structure was presented and the implementation feasibility on GPU using NVIDIA CUDA was carried out.
- o A seminar on *Quantum cryptography* was presented in first semester of M.Tech*.* The topic included the working principle, advantages over the ordinary transmissions and reception of signal using encryption and its applications in the field of data communication.
- o **ERP Costing module for edible oil industry -Company: Vimal Oil and Foods Ltd.**:- This project was developed in J2EE as front end language and ORACLE as backend as a B.E final year project at A.D Patel Institute of technology.
- o **Rate Calculation of edible oil (Consumer and Bulk Pack):**-This project was developed as part of curriculum of Computer Application and Business with VB6 and MS Access.

EDUCATION QUALIFICATION:-

- o Master of Technology in Computer Science and Engineering from Nirma University, India with 7.03 CPI
- o Bachelor of Engineering in Computer Engineering from Sardar Patel University, India with 6.82 CPI
- o Higher Secondary Education from Gujarat Higher Secondary Education Board, India with first class.

PROFESSIONAL SKILLS

- o PHP5, AJAX, Javascript, Jquery, Jquery Mobile, XML, JSON
- o PHP MVC Frameworks - Codeigniter, Yii, CakePHP
- o MySQL, SQL Sever
- o Wordpress, Joomla
- o AWS, RDS, EC2, S3
- o Basic knowledge of Ruby on Rails
- o HTML5, CSS3
- o Git, SVN, CPanel
- o Twitter Bootstrap
- o Google Map API
- o Google Analytics
- o C , C++
- o JAVA, J2EE
- o Visual Basic
- o NVIDIA CUDA.

HOBBIES

- o Swimming
- o Readings books
- o Listening to music.
- o Playing Cricket

KEY SKILLS

- o Professional Attitude

- o Team Player
- o Willing to learn new technologies.
- o Willingness to accept challanging assignments.
- o Good communication skills.