DINESH AROKIYARAJ L

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CAREER OBJECTIVE

To pursue a career-fulfilling job in a reputed organization, and to work in a creative and a challenging environment where I can use my potential to the fullest extent as a professional.

PROFILE SUMMARY

➢ Currently working as a Mobility Developer for Mobility Operations in a Product Development team, Cognizant Technology Solutions Pvt Ltd, India.

➢ 3 years of work experience in Information Technology, expertise in areas like User Interface Design and Development.

➢ As part of my assignments, have been in Requirement Analysis, Development, Application Maintenance, Functional Studies, Quality Reviews and Testing.

➢ Expertise in working in MVC Frameworks, especially Backbone JS for smooth UI interface and functionalities with enhanced knowledge in HTML5, CSS3, JavaScript and JQuery.

➢ Strong communication, collaboration & interpersonal skills with proficiency in grasping new technical concepts quickly and utilizing in an effective manner.

EDUCATIONAL QUALIFICATION

➢ Completed Bachelors of Engineering (**B.E.**) in **Computer Science** at **St.Joseph's College of Engineering**, Affiliated to Anna University, Chennai, Tamilnadu, India from 2007 to 2011 and secured **81%** with Distinction.

➢ Completed Higher Secondary Education (XII) State Board, at **St.Mary's Anglo Indian Higher Secondary School**, Broadway, Chennai in 2007 and secured **92.33%.**

➢ Completed Secondary Education(X) Anglo Indian Board, at **St.Mary's Anglo Indian Higher Secondary School**, Broadway, Chennai in 2005 and secured **89.4%.**

PROFESSIONAL CERTIFICATION AND TRAINING

➢ Microsoft Certification in Programming HTML5, JavaScript and CSS3 with passing score of 914/1100.

➢ Cognizant Certified Professional in **Independent Software Vendor**.

TECHNICAL SKILLS

Hardware / Platforms	Windows 7 , Centos , Ubuntu
Technology	C/Unix
Programming Languages	JavaScript, BackboneJS, AngularJS, JQuery, C/C++
Databases	MS-Access, MySQL, MongoDB
Applications	Microsoft Office, Open Office
Virtualization	VMware,Virtalbox
Scripting Languages	Perl, Shell
Markup Languages	HTML5, CSS3, XML
Version Control Systems	SVN, Perforce, GIT.

WORK EXPERIENCE SUMMARY

Cognizant Technology Solutions   June 2011- Present

➢ Currently working as a **Mobility Developer** for Tru Junction Product, Mobility Operations in Product Development Team, Cognizant Technology Solution Pvt Ltd, India.

➢ Working as a Front End Developer in Building the UI from the scratch through Backbone JS (MVC Framework).

➢ Working on reviews, analysis and design, including coding, testing, debugging and installing for a large-scale system. Maintaining records to document program development and revisions.

➢ Produce scenarios that demonstrate the current working of the product in a smooth and efficient manner and to improve performance and scalability.

RELEVANT PROJECT EXPERIENCE

Project #1(MFRP)

Title	Business Flows using ADPART
Client	Tivo
Operating System	Windows 7
Tools	Adpart In house tool
Team Size	4
Role	Team Member
Period	Sep 2011 - Oct 2011

Project Objective

To develop business flows for TiVo DVR using AdPart

Project Description

Analyze the requirements and generate business flows using AdPart. Generate Test Cases and perform Regression Testing through User Interface Manipulations.

Role and Responsibilities

Requirement Analysis
Business Flow generation
Generating Test Cases
Regression Testing

Project #2(Proof-Of-Concept)

Title	GTK to create GUI
Client	In-house
Operating System	Ubuntu
Tools	GTK++, HTML5, CSS3, JavaScript
Team Size	3
Role	Team Member
Period	Nov 2011 – Dec 2011

Project Objective

To develop a Webpage with GUI using GTK++ and HTML5

Project Description

GTK++, a multi-platform toolkit offers a complete set of widgets. GTK++ is used in this project from small one-off tools to complete application suites. Used HTML5, CSS3 and JavaScript to develop the interactive/responsive webpage to implement the uses of several microprocessors mainly the microprocessors used in beagle board and panda board in embedded systems.

Role and Responsibilities
- Webpage Design and Development
- GUI interface
- Coding.

Project #3(Proof-Of-Concept)

Title	Fast Boot
Client	In-house
Operating System	Linux
Team Size	4
Role	Team Member
Period	Jan 2012 – Feb 2012

Project Objective

To optimize the u-boot, kernel and the services for a faster booting of the Android OS. To reduce the overall boot time of an Android OS.

Project Description

The project deals with optimizing the u-boot and kernel source code for a faster booting of the Android Operating System by adopting different kinds of optimization techniques. This also deals with optimizing the service level scripts and applications.

Role and Responsibilities

- Optimizations in Kernel code and settings.
- Saved up to 43 second by optimizing the Kernel.

Project #4

Title	TiVo Automation Testing
Client	TiVo
Operating System	Centos
Tools	Eclipse with integrated PERL plugins
Team Size	15
Role	Team Member
Period	March 2012 – Dec 2012

Project Objective

To automate the functionalities of a TiVo set top box using TiVo customized framework.

Project Description

TiVo set top box have various functionalities which could be tested using automated PERL scripts. The set top box is connected to a PC through a virtualizer.

Scripts are run to automate the Set top box and find its behavior accordingly. All the features of the Set top box are automated using PERL scripts.

Roles and Responsibilities

Analysis:

- Identification of automatable test cases for scripting based on current framework specification.

Design:

- Found out the automatable test cases.
- Framed the existing Application Programming Interfaces and XSLs needed for scripting automatable test cases.
- Fixed faulty APIs (API bug fixes) that were needed to automate the test cases.
- Gained knowledge about Code Collaborator and Perforce by sending files for reviews to customer.

Scripting:

- Coded and automated the test cases for various features of TiVo in Perl Scripting Language.

Acceptance:

- Fixed the bugs in automated PERL scripts, performed some quality assurance testing, ran test cases at Onsite TiVo boxes, and moved them to Acceptance state.

Project #5

Title	Tru Junction (Mobility Product)
Client	MLI (Max Life Insurance)
Operating System	Windows 7
Team Size	3
Tools	Backbone JS, HTML5, CSS3, Node, Mongo DB
Role	Team Member
Period	Jan 2013 – present

Project Objective

        To develop a product to create a middleware between Enterprise Applications and Backend systems of any organization, this product helps the technical team or Information Architects to create orchestration of services and parameters to allow seamless data-flow to the apps in mobile friendly format.

Project Description

Tru Junction is a mobility middleware designed for the enterprise that can simplify the mobilization of workflows, tools to aid the creation of feature rich apps, shift the focus from technology to development of apps and complete it with a secure and effective distribution frame work.

Key tasks can be done through Tru Junction:

• Adding an App and creating the information architecture by adding Entity and Attributes.
• Mapping Services & Attributes for the Entities added for an app
• Doing a Parameter mapping activity with the selected services
• Creation of Orchestration for each Entity by selecting appropriate output attributes
• Monitoring and Managing the Services and Parameters for every app.

Roles and Responsibilities

➢ As a developer involved in the full SDLC process starting from
  • Requirement gathering
  • Database Design
  • Development
  • Testing
➢ Involved in core (code/design) review process.

PERSONAL DETAILS

DATE OF BIRTH	:	08/09/1989
AGE	:	24
SEX	:	Male
FATHER'S NAME	:	Mr. D. Lawrence
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EMAIL-ID	:	dinlinsar@gmail.com
INTERESTS	:	Dance, Photography, Sports.
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