
Seeking assignments as Software Engineer in growth-oriented organization

Snapshot

- **A bright, talented, ambitious and self-motivated engineer** with 1.5 years of experience and a strong technical background who possesses self-discipline and the ability to work with the minimum of supervision.
- **Presently associated with Inautix Technologies Pvt. Ltd (Bank Of New York Mellon) as Application developer.**
- Graduated from **ANNA UNIVERSITY (MIT CAMPUS)** with a **CGPA** of **8.76** out of 10(FIRST CLASS WITH DISTINCTION)
- A hand on in-depth programming skills in **Java** and **J2EE Technologies** including **Core-Java, JDBC, Servlets, JSP and JavaScript** and framework **Struts & Spring**
- Strong **SQL skills** coupled with good knowledge of RDBMS concepts.
- Self-motivated, energetic and highly ethical in all work related assignments thus able to immediately contribute to corporate goals and objects.
- **Good written, communication, interpersonal skills**, proven team player with an analytical mind bent to problem solving and delivering solutions.
- **Skills**

Web Technologies	Java, JSP, SERVELTS, JDBC, HTML
Frameworks	Struts, Spring , JQuery
Languages	Java, C, SQL,C++, Unix
Scripting Languages	JavaScript, Shell Scripting
Databases	SQL Server
OS	Windows, Unix
Web Server	Apache Tomcat
IDE Tools	Eclipse, NTS, Matlab, IBM ClearCase

Work Experience

Inautix Technologies (Bank Of NewYork Mellon) **Application Developer (June 2013 – Present)**

Key Highlights:

- As a Front end Application Developer, I am involved in the Account Services team of NetX360 project.

- Understanding the new Business requirement criteria proposed and implemented a **new business logic** on the login page of NetX360 product.
- Implemented **whole new full working module** for **Barclays Bank** using struts framework.
- Created a **new framework and application** for automated testing of our entire application using Selenium
- Implemented various solutions to prevent exceptions occurring during account creation and account inquiry for Code Clean Up Project.
- Handling many technical issues tested the whole application for errors.
- Created Action Classes and Form Bean Request processor for the application using Model View Controller (MVC) approach.
- Developed business logic activities with JSP, Java Beans and Servlets.
- Used JavaScript for client-side validation and Struts Validator Framework for form validation.

Barclays Association with Bank Of New York Mellon – Netx360 Application

- Rated as an active developer in our team, I was allocated to Barclays Project (a big project after CITI bank association with BNY Mellon)
- Analyzed the whole requirement and proposed various designs and ideas for implementing the requirements into our existing application.
- Constructed Field-control and Field level Routing (two huge sections in our application) and proposed and implemented dynamic approach for the existing and new section's.
- Constructed new classes and methods to implement an API from another (Imaging) team into our application instead of going into dabble configuration.
- As our project was a huge success got **best developer and spot awards with high rating.**

New Framework And Application for Automated Testing using Selenium

- Proposed an innovative **idea for automated testing** of our entire application using **Selenium.**
- Rated as **best innovative idea** , proposed new logics to test our entire application (consisting of 4 huge modules) before **our code gets tested by Quality Analyst team.**
- **Implemented** the proposed approach with **Selenium webdriver**, Jsoup & HTML Parser, Jxl and Tomcat and deployed in cloud.
- Got **Best Innovation Award** for implementing new framework and application for automated testing using Selenium

Academic Record

2013 **B.E(ECE)** from Anna University. **CGPA: 8.76 out of 10**

Semester	I	II	III	IV	V	VI	VII	VIII
CGPA / 10	8.89	8.89	8.88	8.58	8.76	8.5	8.54	9

2009 **H.S.C** from SHRI Krishnaswamy, TN State Board , Chennai. Scored **94.6%**
2007 **S.S.C** from M.A Krishnaswamy, , Matriculation, Chennai. Scored **95.8%**

Projects Handled

University Project:

Detection of Retinal Structures using Artificial Bee Colony based Clustering method using Digital Image Processing

Responsibilities:

- Designed a unique method for detecting retinal structures such as optic disc, exudates using Artificial Bee Colony based Clustering algorithm.
- The proposed method exactly detects exudates in abnormal images around 200 images, which I implemented using MATLAB
- From the output obtained the diseased conditions are analyzed using performance measures and similarity index to detect the exact stage of disease

A Hybrid Method for Localization and Segmentation of Optic Disc in Retinal Images for Glaucoma Analysis Using Digital Image Processing:

Responsibilities:

- Designed a hybrid method for localization and segmentation of optic disc for retinal disease analysis using digital image processing techniques.
- Proposed an algorithm combining 3 different methods for localization of optic disc which I implemented using MATLAB and got exact localization of optic disc.
- Segmentation was done based on Otsu thresholding algorithm and fuzzy c-means in MATLAB for glaucoma analysis.

Academic Mini Project:

Detection of Human Movement for Automatic ON/OFF of Power Supply using Image Processing:

Responsibilities:

- Analyzed the various energy crises in universities, schools and proposed a method for automatic on/off of power supply using digital image processing techniques, using MATLAB.

- Human presence is detected from image captured through web camera, using circular Houghtransform and morphological methods in MATLAB.
- The proposed method is then implemented using a microcontroller for automatic turn on/off of power supply.

Sixth Sense Robot

Responsibilities:

- Designed a robot using Atmel microcontroller ATmega16 with a web camera mounted which is having video stream in a running mode where actually it sees the ball and where ever the ball is moving it just follows it automatically without any external control.
- I used MATLAB for tracking the direction of ball and ATmega16 is used to control the robot in the direction of movement of ball.

In-plant Training

- **Bharath Earth Movers Ltd. , Bangalore.**
 - Understood effective load management techniques in heavy vehicles
 - Analyzed the application Robotics in the field of mining
- **Epsilon electronic eqpt & components pvt. ltd , Hyderabad.**
 - Gained knowledge about the telephone systems and batteries used in gateways of Railways Department.

Workshops Attended

- **Video analytics conducted by Anna University.**
 - Understood compression sensing techniques on video data.
 - Understood object detection and tracking of objects on video data.
- **Robotics-“6th Sense Bot”.**
 - Learnt the techniques and created bots based on image processing and colorreorganization techniques.

Awards and Achievements

- Completed Praveen Utharadh Examination with distinction conducted by Dakshina Bharat Hindi Prachar Sabah, Madras.
- Runner up in Intra School Chess Competition.
- Joint Secretary of Electronics Engineers Association from June 2010-2011.
- Member of National Sports Organization (NSO) from June 2009-May 2010
- Organized various event during Electrofocus'12, the department symposium of Electronics department of our college.

Personal Details

Date Of Birth	06 November 1991
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