

PRANAY AIRAN

#MH1-504 IIIT-B 26/c
Electronic City
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DOB: 02nd Oct 1987

Academic Profile

- Pursuing Mtech. (IT) from **IIIT-Bangalore** with **3.49/4.0** CGPA (2009-11)
- B.E (Electrical) from S.V.I.TS Indore (**RGTU-Bhopal**) with **76.78%** (2005-09)

Experience

Working as a full time Intern in Siemens from Jan 2011 to present

Project - a remote control & sensing scheme for domestic applications Using Android and i-OS Devices

Team size: 2 **Platform:** Java

This is an ongoing project with Siemens which aims to create mobile phone based applications which can interact with home appliances and can control them.

Worked as part time Intern in Siemens from August 2010 to December 2011

Project- Visualization of Cause Effect Path **Team Size:** individual **Platform:** C#

This project involved creating visual studio add-on for extending the functionality for debugging the code.

Additional Qualifications:

- **IBM Certified Associate Developer -- Rational Application Developer for Web Sphere Software V6.0**
- **Diploma in SOFTWARE ENGINEERING with excellent grade from NIIT**
- **Certificate in Developing Enterprise Application using .NET framework from NIIT**
- **Certification in PLC, Drives, HMI and SCADA programming**

Area of Interest

- Mobile Applications Development
- HTML5 and web application development
- Usability Engineering
- Software Design and Architecture

Elective Courses

- OOAD, UML, and Intro to Web 2.0
- Usability engineering
- IP Multimedia and Subsystems
- Programming of application software

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IT Proficiency

Programming Languages	C, Java, J2EE, C#.net, Objective C
Web Languages	HTML, HTML5, JavaScript, XML
Mobile Technologies	Android, iOS
Databases	MySQL, SQL Server 2005
Operating Systems Platform	Linux, Windows, Macintosh

Projects Undertaken:

Android

Project Title	Yummy Trains (https://market.android.com/details?id=com.iitb.android) (Team Size 4)
Project Description	Created a food recommendation android application for train travelers, it helps people who are travelling in train to discover regional specialty at different railway stations across India.
Project Title	Fingoes for Android (Team Size 1)
Project Description	Created an android application which helps to stay connected with your buddies via your mobile phone in new way. It helps you to be in touch with friends with whom you are not in touch since long via simple graphical smileys.

HTML/HTML5 & JavaScript

Project Title	Creating a Web Mashup for Google Blogs (Team size 1)
Project Description	This Mashup was built for integrating Google 50+ blogs latest news at 1 place, the idea is to create 1 content aggregation service for all Google Blogs.
Project Title	All web Instant (Team size 1)
Project Description	Created Instant Search for twitter, eBay, Google images, Google books and iTunes. The idea is to make search on this site instant similar to Google Instant
Project Title	Open Parliament India (Team size 6)
Project Description	This project was part of Open Data Hackathon 2010, the idea was to crawl all publicly available data from Indian government website and create something meaningful out of it making that data open.
Responsibilities	My work includes using tools like Dapper to extract the data from parliament website. I was also responsible for creating the website for the project

C#

Project Title	RF based Logistics Management (Siemens)
Project Description	To build a RF ID based logistic management system for client to minimize production cost
Responsibilities	My role was to create application for Windows CE platform which can interact with different RF id tags and perform predefine logics.

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Java & J2EE

Project Title Mosaic a Clone of Amazon.com (**team size 6**)
Technology Use J2EE , MySQL, Apache Tomcat, HTML, jQuery
Project Description This project aim was to understand the complexity involved in a big enterprise systems like Amazon.com and to create similar kind of services which is flexible and scalable.
Responsibilities My role includes development of complete user interface and front end for the project, I was also responsible for Sellers module in the project.

Project Title Creating Blending Services for IMS Network (**Team size 3**)
Technology Use SIP Servlets Programming, OPEN IMS Core, Sailfin Application Server, java
Project Description This project involved development of different service for IMS network. These services are created as an interface between IMS and web2.0 network.
Responsibilities My role in the project was to create IMS and Web 2.0 services which can interact with each other to create a blending service on the top of it.

Usability Engineering

Project Title Usability Analysis for VuNow video streamer (**Team size 6**)
Project Description The aim of this project was to study usability of VuNow video streamer and suggesting ways to improve its usability.
Responsibilities My role was to design different usability test which were used to test the product. I was also responsible for improvising the remote control of VuNow

Research Publication

Title of Paper: IMS Service Broker SCIM Enriching REST Based Web 2.0 Mashup

Conference: IEEE-IMSAA **Year of Publication:** 2010

Extracurricular activities:-

1. Elected Students' Activity Committee (SAC) member, IIIT-B, 2009-2011
2. Organize Open House 2010, a project presentation workshop at IIITB
3. Volunteer in IMSAA 2009 and 2010 conference hosted by IIITB
4. Volunteer in Yahoo HACKU 2009 event hosted by IIITB