Joe Abhishek

joeabhishek@gmail.com
+91-776 008 8488

EDUCATION

GITAM UNIVERSITY (UNDER GRADUATION) 2008-2012

GITAM Institute of Technology, Visakhapatnam, Andhra Pradesh

- Bachelor of Technology in Electronics and Communications Engineering (ECE)
- CGPA: 7.47 on a scale of 10
- Member of the ECE department cricket team
- Founder member of Kalakrithi - college music club
- Editorial board member for IETE (GITAM Chapter)

BOARD OF INTERMEDIATE EDUCATION (11TH AND 12TH GRADE) 2006-2008

Sri Chaitanya Junior College, Visakhapatnam, Andhra Pradesh

- Majors in Mathematics, Physics and Chemistry
- Marks percentage: 92.8

CENTRAL BOARD OF SECONDARY EDUCATION (10TH GRADE) 2005-2006

Timpany Secondary School, Visakhapatnam, Andhra Pradesh

- Majors in Mathematics and General Science
- Marks percentage: 86%
- Football team captain
- Long jump athlete

EXPERIENCE

- Currently working fulltime for **FusionCharts**, *Bangalore* as a *Software Developer* from *May 2013*
- Worked fulltime for **Accenture** *(India Delivery Center), Bangalore* as an *Associate Software Engineer* from *May 2012 to April 2013*

TECHNICAL SKILLS

LANGUAGES: C, C++, Java, PHP, HTML, JavaScript and CSS

FRAMEWORKS: Laravel, Symphony, D3.js, Angular.js and SpringMVC

DATABASE: Oracle Database, MySQL and SQLite

MICROPROCESSORS: Programming 8085, 8086

DIGITAL DESIGN: MATLAB, Verilog

PROJECTS

WALLET TRACK- EXPENSE MANAGER
Organization: GITAM University
Source code:

An Intuitive personal expense manager built using CodeIgnitor and JavaScript. It also provides social login, notifications and charts for analytics drawn using YUI Charts.

EFFICIENT ARITHMETIC UNITS
Organization: GITAM University

The Wallace Tree Multiplier and Tree multiplier structure were combined to improve the speed of complex 32/64 bit calculations and also reduced power consumption by 33%.

ELECTRON HUB
Organization: GITAM University

The Electron hub is a social networking site for the ECE Department of GITAM University where students and professors could share their ideas and research. It was built using PHP, MySQL and JavaScript.

CALIFORNIA PUBLIC EMPLOYEES RETIREMENT SYSTEM
Company: Accenture

It is a web application developed for The Government of California and is used by the public employees of California to monitor their retirement benefits. It was built with Spring MVC architecture. Oracle Database was used to maintain the 1.6 million records of the employees.

FC Fiddle
Organization: Fusion Charts

FC Fiddle had been developed to showcase the products of FusionCharts in a dynamic way where viewers can embed the charts in their applications instantly. It provides an HTML,CSS and JavaScript code editor right in your browser along with the FusionCharts products. One can preview their output of the code instantly.

Razorflow Dashboards
Organization: Fusion Charts

Razorflow is a web framework to build interactive and cross-device dashboards using PHP. I was part of the development team of the core product. It was built using JavaScript and PHP. The framework helps the user create dashboards with minimal efforts. The various charts of Razorflow are built using D3.js.

Razorflow website
Organization: FusionCharts

The Razorflow website is built using PHP and JavaScript. It contains a marketplace which displays the various Razorflow plugins that can be purchased. The website also includes a support forum. The admin and the support staff are notified through mail each time a new query is raised. Bootstrap3 is used to design the front end of the website.

PHP and JavaScript document generator
Organization: FusionCharts

JavaScript document generator: It is a light weight document generator built using the Esprima JavaScript parser. It uses the comments written in the code to generate the JavaScript documentation.

PHP document generator: It is a light weight stand alone application generates documentation from the code. There is no need for code comments to produce the documentation. It makes use of the PHP Reflection class.

ACTIVITIES

- I'm a song writer, arranger and proficient piano player
- Part-time piano instructor at the School of Rock, Vishakhapatnam till May 2012
- Worked with Ehsaan, music director, Indian Film Industry
- Sample compositions on https://soundcloud.com/joeabhishekdara