SHEKHAR JOSHI
Computer Engineering
University of Mumbai

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C++ | JAVA | PHP | AJAX | ORACLE | MYSQL | HTML

Experience

Executive Engineer-Trendin.com, Aditya Birla Group
Bangalore, India
[Oct-2014 to present]

Description

After an initial phase of rigorous training programme which involved class room lessons on jQuery, PHP, Codeigniter and MySql, I have been put into revamping the Trendin's back office and administration tools primarily, catalogue management and asset management. Apart from coding in PHP and JS, I have been involved in requirements gathering, UI prototyping, assisting database design, maintaining coding standards and even curating other's code. I have taken a proactive approach in contributing my ideas across functions primarily, design and product. A fraction of my time is also spent in troubleshooting other's code.

Campus Brand Ambassador-Make Intern
at Mahatma Gandhi Missions College of Engineering and Technology
[Dec-2013 to Jun-2014]

Description

As a Campus Brand Ambassador, my job was to represent the Company on the college campus and promote it at various levels. There were few other responsibilities:

1. Handling all technical events, prominent being workshops and seminars.
2. Providing TPO details for conducting workshops.
3. Increasing student subscription for newsletters, and helping increase its social media presence.
4. Communicating with MakeIntern's BDO.

** Successfully organized 2-day Embedded Systems (Robotics) workshop on 11-12 March, 2014 for 60 students.

Projects

Name: assemblepc.com **[URL: assemblepc.comxa.com]** **Theme: Ecommerce** **Application type: PHP web application** **Features:** • **Dynamic URLs** • **Page/Component Reusability** • **AJAX** • **AJAX enabled Search**	**Summary**: In India, desktop assembly market is huge but the online presence of any vendor is negligible. People do not buy assembled pc online just because there are no solutions available. assemblepc.com houses a comprehensive online pc assembly tool which helps users customize their computers on the website. Customers can also buy hardware and software.	
Name: AUFSPYRER **Competition: IBM TGMC 2012** **Theme: Automated Law and Order** **Application type: J2EE** **Team members: 4** **Tools & Softwares:** ▪ **IBM DB2** ▪ **IBM Rational Software**	**Summary**: The intent of the project was to create various functionalities to the associated users(Police and citizens). The objectives were to provide state-of-the-art management capabilities to the police department. It also promised an agile platform for information and intelligence sharing in a secure system which could manage criminal databases at a local and centralized location.	**Guide**: Prof. P. S. Lokhande HOD, Comp. Engg. MGMCET

- **Architect**
- **JAVA/J2EE**
- **JSP**
- **Apache Tomcat**

A web portal was included for online FIR, case tracking and event permission request filing.

Name: Integrated Social Network and Mobile Application for Carpooling (ContryCar!)
[BE Project]

Theme: Mobile/Web PHP Application
Team members: 2

Features:
- **MVC using CodeIgniter**
- **Google Maps**
- **Google Route**
- **Geocoding-Reverse lookup**
- **Ajax**

Summary: Many people go to a common destination which typically can be the same office, business district, suburb and even cities. Moreover, there is an immediate need to act towards environmental protection and traffic congestion. Also, the petroleum prices are very much on the rise so, people could share their rides and hence cost too! The car pooling application, as a Final year project has the potential to explore domains like Social Engineering, cross platform application development, social network integration etc. There is also a possibility of integrating this application with Google Maps and Google traffic which is freely available in real-time.

Guide:
Assistant Professor Vidya Bharde, Comp Engg. MGMCET

http://goo.gl/4Es5FF (other projects on github)

Qualification

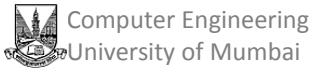| CLASS	INSTITUTE	CITY	YEAR OF PASSING	AGGREGATE	BOARD/ UNIVERSITY
X	Kendriya Vidyalaya Vayu Sena Nagar	Nagpur	2008	89.3	CBSE
XII	Kendriya Vidyalaya Vayu Sena Nagar	Nagpur	2010	83.2	CBSE
BE	MGM's College of Engineering and Technology	Mumbai	2014	60	Uni. Of Mumbai

Courses
- Introduction to Oracle 10g: SQL – SEED Infotech, Mumbai
- Oracle Database 10g: Administration Workshop I – SEED Infotech, Mumbai

Skills
- Languages: **PHP, Java, C++, R, Javascript**
- Frameworks: **Codeigniter, Angularjs**
- AJAX
- jQuery
- Data structures and algorithms
- Database(Oracle, MySQL, IBM DB2)
  - SQL
    - ✓ Selecting, sorting and grouping queries
    - ✓ Aggregate functions, sub-queries and set operators
    - ✓ Creating and managing schema objects
    - ✓ Creating reports, joins and triggers
    - ✓ Controlling user access
- Cisco Packet Tracer, wireshark
- Database designing – ER and EER diagrams
- Business Analysis
- CURL

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Accomplishments

- **Organized** Embedded Systems(Robotics) workshop, Makeintern-2014-MGMCET
- **Organized** a Quiz Competition, sought sponsorship successfully-2014-MGMCET
- Helped **Organize** Trendin's second anniversary – Verve 2015
- **2nd Runner** up-Project Competition-SEED INFOTECH, Mumbai
- Science Olympiads, Mathematics topper, School-KV VSN Nagpur
- Department Futsal Team, Winner Sports Arete 2012-MGMCET

Participations and Extra Curricular

- IBM TGMC Participation-Project AUFSPYRER-2012-MGMCET
- Conducted a seminar on Simulation-MGMCET
- Technical blog – Pulse, linkedin.com
- Conducted seminar on web-security-Trendin
- Delivered lectures on Databases-MGMCET
- Delivered lecture on USB-MGMCET
- College Events-CodeChef-2010-MGMCET

http://goo.gl/YxoN0z