

## SIDDHARTH ABBINENI

MIG-303, Road No. 4, KPHB  
Hyderabad, AP 500072, IN

**Tel :** 7702063335, **E-mail:** siddharth.abbineni@gmail.com  
**Website:** <http://www.thesid.net>

### SUMMARY

- Two years of professional experience working on enterprise projects and over 6 years of freelance web development and programming experience.
- .NET - MSSQL / PHP 5 / MySQL web developer
- Experienced in Enterprise resource management systems.
- Specialized in Front-End Web Development & CMS Solutions
- Strong development experience in .NET framework based software solutions and LAMP, Web 2.0/AJAX, JavaScript, JQuery, JSON, HTML, CSS
- Experience with complete Software Development Life Cycle and Software Engineering. Strong in development of specifications, functional and technical requirements and process flows.

### TECHNICAL SKILLS

- **Languages:** ASP.NET, C#, VB.Net, XML, PHP, AJAX, Perl, (X)HTML/CSS, JavaScript, Java/J2EE, C, C++, Bash/Sh Shell Scripting
- **Databases:** MSSQL, MySQL, Oracle and MS Access
- **Frameworks:** .NET 3.5 & 4, CodeIgnitor, CakePHP, Zend, Wordpress, Joomla, jQuery, Prototype, MooTools
- **Software Tools:** Adobe Photoshop, Adobe Dreamweaver, Microsoft Office Suite, Umbrello & IBM-Rational Rose (UML Modeling).
- **IDE Tools:** Zend Studio, Eclipse, Microsoft Visual Studio and NetBeans.
- **Platforms:** Linux, Windows & UNIX.

### PROFESSIONAL EXPERIENCE

UNITED BIOSCIENCES PVT LTD, HYDERABAD, INDIA MAR 2012 – JUL 2013 (**16 MONTHS**)

#### IT CONSULTANT

- Define and implement a Global IT sourcing and category management strategy for enterprise application, third party application hosting, application development & maintenance and related consulting services.
- Provide IT leadership with support required to manage, track, measure and monitor the status of all procurement and contract negotiations activity, progress against strategic sourcing and cost reduction initiatives.
- Constant uploading of time sensitive materials to site. Integrated text, imagery and audio for various online publications.
- Handled the responsibilities of sourcing IT products and platforms like desktops, network, servers, telecommunication and software services.
- Handled the tasks of maintaining relationships between external IT suppliers and internal IT department.

QSP, TIME INC, STAMFORD CONNECTICUT (USA) NOV 2010 – FEB 2012 (1 YEAR 4 MONTHS)

**LEAD DEVELOPER (ERP PORTAL TEAM)**

---

- Lead developer for the Enterprise Resource management system (ERP) portal. Portal involved controlling various aspect of business work flow.
- Collaborating with Financial personnel to automate the General Ledger system, with functionally to manually manage and edit entries when needed.
- Led the team for content migration from various older systems into MSSQL
- Developed SSIS packages to allow of easy data migration. SSIS packages for local data manipulation and packages to allow to store in the Data Warehouse.
- Developed SSRS Reports and Report templates for automatic report generation based on SQL Jobs
- Responsible for “Sponsor Portal” to allow for users to manage their accounts and also integrated the portal with various social networks like Facebook and Twitter

THE MISSOURI MINER, MISSOURI S&T, ROLLA, MO OCT 2009 - MAY 2010 (7 MONTHS)

**WEB DEVELOPER / LEAD DESIGNER**

---

- Led the content migration from the static website to **Wordpress 2.9** and added new features using **JQuery**.
- Constant uploading of time sensitive materials to site. Integrated text, imagery and audio for various online publications.
- Responsible for designing, page setting and publishing the weekly print version of the Missouri Miner newsletter using **Adobe Photoshop CS3** and **Adobe Illustrator CS3**.

BLUEGENE INDIA PVT. LTD. HYDERABAD, INDIA – JUN 2007 TO AUG 2009 (2 YEARS)

**IT CONSULTANT / WEB DEVELOPER**

---

- Developed a secure online patient record and inventory maintenance system.
  - Allows patient records to be created and updated from various branches of Blugene through a web interface.
  - Manages inventory lists at all the branches separately and notifies/warns the administrators about items going out of stock or any discrepancies in the records.
  - Database (**MySQL**) was maintained centrally and an interface was provided to moderate the database by senior administrator.
  - **Framework: CodeIgnitor | Languages: PHP, MySQL, AJAX, XHTML/CSS**
- Collaborating with non-technical personnel to precisely identify solution requirements and drive project success.
- Designed static websites for Bluegene subsidiaries strictly adhering to **W3C** standards.
  - [www.prasadsinfertility.com](http://www.prasadsinfertility.com)
  - [www.prasadsgenetics.com](http://www.prasadsgenetics.com)

CVR COLLEGE OF ENGINEERING, HYDERABAD, INDIA – NOV 2005 TO APR 2007 (1½ YEARS)

**WEB DEVELOPER**

---

- Developed a comprehensive online student management application, using Web 2.0 technologies, that successfully collects and organizes student information in the institution.
  - Maintains the database of all the students and the faculty in the institution.

- Tracks student attendance and academic performance by allowing faculty to update student attendance and grades online through a user friendly interface.
- Periodically send student performance reports to parents via e-mail or SMS.
- Performance tuning on server-side PHP code. Normalized database tables and performed extensive query optimization.
- **Framework: CodeIgnitor | Languages: PHP, MySQL, AJAX, XHTML/CSS**
- Designed and developed the website www.cvr.ac.in.
  - The website is built upon the Typo3 Content Management System (CMS) with a custom template, making it easy for future developers to maintain and update the site with ease.
  - Controlled access to various contributors on the student web committee.
  - Provided emails to all students and faculty by setting up a mail server running **Horde**.
  - Site works seamlessly with the student management system, where students can login and check their attendance and grades online.
  - Cleaned up and rewrote frontend HTML and CSS to meet **W3C** validation requirements.
  - **Framework: TYPO3 CMS, Horde | Languages: PHP, MySQL, Perl, AJAX, XHTML/CSS**
- Designed website, posters, banners, souvenirs, badges and certificates for both CIENCIA '07 and CIENCIA '08 using **Photoshop CS3**.

## ACADEMIC PROJECTS

### PARALLEL EVOLUTIONARY ALGORITHMS

---

Parallelizing Evolutionary Algorithms by implementing parallel EAs on graphics processing units (GPUs) and perform experiments to compare parallel EAs with ordinary EAs and demonstrate that the former is much more effective than the latter. Implemented on **NVIDIA® GPUs using the NVIDIA® CUDA™ API**.

### AUTOMATIC NUMBER PLATE RECOGNITION SOFTWARE

---

- The objective of this project was to study and resolve algorithmic and mathematical aspects of the automatic number plate recognition systems, such as **problematic of machine vision, pattern recognition, OCR and neural networks**.
- The objective of the project was not to find a one hundred percent recognizable set of snapshots, but to test the invariance of the algorithms on random snapshots systematically classified to the sets according to their properties.

### HTTP PACKET SNIFFER

---

- Developed a HTTP packet sniffer to detect and log all HTTP traffic in broadcast networks.
- Developed in C++ using **libpcap** library on **Fedora 9 (GCC 4.3 compiler)**. It is configurable to any network configuration.

## EDUCATION

- **Bachelor of Technology in Computer Science** – Jawaharlal Nehru Technological University, Hyderabad, India
- **Java & J2EE Certification** from National Institute of Information Technology, Hyderabad, India
- Awarded the prestigious **Prathibha Award for Academic Excellence by the Government of Andhra Pradesh** in the year 2003.

## REFERENCES

References and code samples will be available on request.

Some samples of my work are available on <http://www.siddharthabbineni.com/>