

# SAI PRASAD CH

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## TECHNICAL SKILLS

**Major:** C++, Javascript, Win32 APIs, jQuery, YUI, Node.js, Yahoo! Mojito, Browser extensions, MySQL

**Basic:** Go, Java, Python

## ACADEMIC PROFILE

- ✓ Bachelor of Technology in Computer Science & Engineering from *National Institute of Technology, Warangal* with **7.00/10 CGPA**
- ✓ High-Secondary (+2) from New Generation Junior College, Hyderabad with **87.60%**.
- ✓ High-School (10<sup>th</sup>) from Chaitanya High School, Andhra Pradesh with **91.00%**.

## WORK EXPERIENCE

### Gwynnie Bee Incorporated, New Delhi

**Duration:** September 2012 – Till date

**Position:** Software Engineer

Gwynnie Bee is an e-commerce **startup** providing subscription of Women's clothing.

**Role:** Involved in design, develop, document and test of functionalities in customer-facing and admin websites, and other internal tools.

**Technologies Used:** Node.js, Yahoo! Mojito, MySQL, Javascript, YUI 3, jQuery, Handlebars, SASS, Java, YUITest (Unit Testing), Selenium, Maven, SVN, Git.

### Highlights:

- Working on streamlining the development in front-end and Node.js. Establishing processes, setting up tools (JSHint, Monitoring, Unit Testing, CSS Preprocessor, Pre-compiled client-side templates etc.) and generic modules (like Analytics, Logger, Promise pattern etc).
- End-to-end development of an API service for user feedbacks using Java and MySQL.
- Worked on development of multiple features in the customer facing as well as internal operations site.

### Adobe Systems India Private Limited, Noida

**Duration:** February 2011 – September 2012

**Position:** Member of Technical Staff II

**Duration:** April 2009 – January 2011

**Position:** Member of Technical Staff

### Adobe LeanPrint

Adobe LeanPrint is an enterprise-class printing solution aimed to reduce printing costs by using innovative method to redo the layout of the documents when printing from popular applications and browsers.

**Role:** Complete responsibility and ownership of *Updater* and *browser plugins* of Adobe LeanPrint for Internet Explorer, Mozilla Firefox & Google Chrome.

**Technologies Used:** C++, Javascript, jQuery, XUL

### Highlights:

- Handled efficiently the forward compatibilities (with nightly builds) for Mozilla Firefox & Google Chrome.
- Improved the performance & security of the browser plugins.
- Set up an automated build setup for regular builds (using Build Forge).
- Implementation of Updater component in a short period.
- Handled multiple web based tools and internal tools that are needed for the team.
- Worked closely with QE team, providing continuous support in the testing of product including test case reviews, bug isolation.
- Received a couple of **Spot Awards** for recognition of my work on this product.
- Helped with the development work of installer for the product.

### **Adobe PDF Driver**

Adobe PDF Driver is a print driver SDK that facilitates high quality printing of documents to PDF based RIPs on Windows and Mac.

**Role:** Integral part of the core development team of the product on multiple platforms. Responsibilities include conceptualization, implementation of features, feature stabilization, memory leaks detection & fixing, memory usage optimization and performance improvement, product documentation.

**Technologies used:** C++, Objective C++, Windows Driver Kit, Actionscript 3, Flex 3, Flex 4, AIR

**Platforms:** Windows, Mac OS

**Standards Involved:** XML Paper Specification (XPS), Portable Document Format (PDF), Job Description Format (JDF)

### **Highlights:**

- Complete ownership of multiple modules in the product.
- Working as the only developer on the product from the last 15 months.
- Received a **Spot Award** for recognition of my work in the product.
- Worked in fixing memory leaks, memory optimizations, and performance improvements.
- Worked directly with customers on resolving their issues & queries.
- Involved in test case reviews and worked closely with the QA team, providing continuous support to the testing of the product.
- Automation of the build and testing processes.
- Involved in writing documentation of the product

### **IBM India Private Limited, Bangalore**

**Duration:** May 2008 – July 2008

**Position:** Academic Intern

### **Dashboard for IBM Master Data Management Server**

IBM Master Data Management Server provides operational environment to maintain an organization's information about customers, products and accounts data. Worked on developing its web-based user interface.

- Technologies used: HTML, JavaScript, [Dojo Toolkit](#), [dojox.gfx](#)

## **OTHER PROJECTS**

### **The Lakshya Foundation (February 2011 - May 2011)**

[The Lakshya Foundation](#) is a trust established by alumni of NIT, Warangal. Provided assistance in the development of the backend features of their website.

- Technologies used: Kohana 2.3.4, Kohana ORM, Javascript, MySQL
- Has set up a mechanism to pull from the online repository to the web server (where Git client was unavailable)
- Designed a new, better & flexible database schema for the increasing needs of the site.
- Assisting other team members with their learning technologies, setting good coding practices and with any issues they face.

## **tapsnitw.org (2008-2009)**

[tapsnitw.org](http://tapsnitw.org) is the official placement portal of National Institute of Technology, Warangal. This portal provides various functionalities to students, administrators and the visiting company simplifying the placements procedure of the Institute's placement cell.

Responsible for the **complete development** of the portal including schema design, front-end & back-end implementation.

- Technologies used: PHP, [CodeIgniter](http://codeigniter.com/) (site archived at <http://2008.tapsnitw.org>), [Kohana](http://www.kohana.co.uk/), [jQuery](http://jquery.com/), HTML, CSS, Javascript
- This project gave me exposure to the MVC pattern and the advantages of modular coding.

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## **PERSONAL DETAILS**

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Date of Birth : 28 August, 1987  
Site : <http://saiprasad.me>  
GitHub : <http://github.com/saich>  
Technical Interests : High scalability, Browser Development, Real-time communications, Mobile platforms, Web security

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