VARUN B PATIL

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OBJECTIVE

To use the best of my knowledge and technical skills to bring out high quality products that will bring accolades to the company and my team and to work with highly motivated collegues to enhance my understanding of latest technologies and improve my technical and social skills.

EMPLOYMENT

I am currently working at **Cisco Systems**, Bangalore, India **(Jul 2012 to present)**. I am part of a team that is developing a low cost end-to-end teleconferencing system over TI OMAP platform where I contribute towards development of media components and codecs.

ACADEMIC QUALIFICATION

Undergraduation — B.E in Computer Science & Engineering

- Sri Jayachamarajendra College of Engineering, Mysore, India — **CGPA : 9.9/10**

SEMESTER	SGPA(scale of 10)
First	10.00
Second	10.00
Third	9.70
Fourth	10.00
Fifth	9.85
Sixth	10.00
Seventh	9.85
Eighth	9.80

Pre-Degree Qualification

INSTITUTION	UNIVERSITY/BOARD	EXAMINATION	YEAR OF PASSING	PERCENTAGE
Sadvidya Composite Pre-University College, Mysore	DPUE	Pre-University Examination	2008	95.17
J.S.S Public School, J.P Nagar, Mysore	CBSE	All India Secondary School Examintion	2006	94.00

- **CET** (Common Entrance Test) Karnataka state ranking : **7**

- **COMED-K** state ranking : **8**

ACADEMIC PROJECTS

- **Parser Generator to recognize major C constructs using Flex & Yacc**

Platform	: **Linux**
Programming language	: **Yacc specification syntax, Zenity user interface**
URL (lexer code)	: http://pastebin.com/bZCV4d5N
URL (parser code)	: http://pastebin.com/7enuJRwk

- **Dotty visualization of Insertion, Deletion, Searching in (2,4) trees**

Platform	: **Linux**
Programming language	: **C**
URL	: http://pastebin.com/6KcKi6uj

- **SQLite3 cricket statistics database operations**

Platform	: **Linux**
Programming language	: **SQL syntax using SQLite 3**

- **Cohen–Sutherland 3D line clipping visualization**

Platform	: **Windows / Linux**
Programming language	: **C++**
URL	: http://pastebin.com/mxxa9DHG

- **Page Replacement Algorithm Simulator**

Platform	: **Windows / Linux**
Programming language	: **C++ in Qt creator**
URL (FIFO)	: http://pastebin.com/1AtsMVMr
URL (LRU)	: http://pastebin.com/Z1ybht8L
URL (Optimal)	: http://pastebin.com/dPX5Faja

- **My own website with integrated blog**

Platform	: **Any OS and browser**
Programming language	: **HTML5, CSS3, Javascript, Perl 5, PHP, jQuery**
URL (new design)	: http://varunpatil.xtreemhost.com/index.old.php
URL (old design)	: http://varunbpatil.atwebpages.com/home.html

- **Distributed inverted indexing of files using Hadoop**

Platform	: **Linux**
Programming language	: **Apache Hadoop**
URL	: http://pastebin.com/KCEYi7La

- **Static website and blog using Jekyll, Markdown, Liquid**

Platform	: **Any OS and browser**
Programming language	: **Jekyll, HTML, Markdown, CSS, Liquid, JavaScript**
URL	: http://varunbpatil.github.com/

- **Automated Cardiac SPECT diagnosis using Support Vector Machines**

Platform	: **Linux, Windows**
Programming language	: **Octave**
URL	: http://goo.gl/V2Lj8

ACCOMPLISHMENTS

- Awarded *Shield of Honor* for topping my batch in Pre-University at Sadvidya Pre-University College, Mysore.

- Awarded during the Installation Ceremony of the **Lions Club of Mysore**, Vijayanagar branch for my achievements in the Karnataka CET state level exam (7th rank) and COMED-K state level exam (8th rank).

- Awarded a **merit prize** money of Rs.6,000 by **Karnataka Veerashaiva Vidyabhivrudhi Samsthe** for securing 95.17% in P.U.C examination held during March/April, 2008.

- Received Certificate of Merit for securing **4th rank (National Level)** in the **7th International level Science Talent Examination** 2005.

- Received Certificate of Excellence for securing **All India Rank of 676** in the **National Level Science Talent Search Examination (NTSE)** – 2006.

- Received *certificate of accomplishment* for succesfully completing the online courses conducted by **Stanford University** in Artificial Intelligence, Machine learning and Databases.

- Received **TCS Best Student Award** along with a cash prize of Rs.10,000 for scoring the highest CGPA of the 2012 batch at SJCE, Mysore.

TECHNICAL SKILLS

- Excellent hands-on experience in **C, C++, Java, Python** and **SQL** programming.

- Commendable web-development knowledge in **HTML, CSS, JavaScript, jQuery** and **PHP**.

- Comfortable using LaTeX to create high quality documentation.

- Comfortable with static web page designing using **Jekyll**, **Markdown** and **Liquid**.

- Good working knowledge of **Git** distributed version control.

EXTRA-CURRICULAR ACTIVITIES

Music lover, self-made guitarist, avid reader of latest technology reviews, automotive technology enthusiast, active blogger and web designer.