



**Sravan Bonthala**  
**Computer Science & Engineering**  
**Indian Institute of Technology, Bombay**  
**Specialization: Comp. Sci.**

**09005046**  
**UG Third Year (B.Tech.)**  
**Male**  
**DOB: 24-07-1992**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	8.18
Intermediate/+2	APBIE	NARAYANA Jr.	2009	93.10
Matriculation	SSC	Vidyadhari	2007	88.80

## Scholastic achievements

- Secured All India Rank of 19 in IIT JEE out of about 4 lakh students who appeared for the test.
- Secured All India Rank of 80 in AIEEE out of about 9.6 lakh students who appeared for the test.
- CBSE scholarship for rank in AIEEE which was offered to 302 students.
- Secured State rank of 5 in EAMCET with 152 marks (the highest was 153) among about 4 lakh students.
- Ranked among Top 1% in the state (A.P) in Astronomy and Physics Olympiad in 2009.
- Secured 390 marks in BITSAT examination.

## Experience

- **Amazon.com** Infocity, Chennai  
*Software developer Engineer* May 09. 2011 – July 22. 2011
  - Worked as a part of Amazon-kindle's Topaz Conversion Tech with Ashok Thangamani(manager).
  - My part of the work dealt with character quality in ebooks in topaz format.
  - Proposed a solution for improving kindle-for-web performance by optimizing fonts.
  - Proposed a solution for improving the character quality with an expected yield improvement of 10%.
  - Applied for a patent through Amazon's idea tool on the advice of manager.
  - Hired by the same team for intern during Dec-2011.

## Skills

- **Languages:** C/C++, Assembly (MIPS),VHDL,Shell Scripting,Perl,Functional Pragraming(scheme),  $\text{\LaTeX}$ , HTML, CSS,JAVA (JNI,JNA).
- **Computer and OS:** Proficient in Debian & Red Hat Linux; Virtualization of Windows & Linux guests using Sun VirtualBox, VMWare;OS installations (Dual & Triple Boot); BIOS setup.
- **Projects:**
  - ANPR guided by Prof Om Damani
    - \* A new algorithm based on union-find algorithm to find the position of number plate in a image of car followed by extracting number on plate using OCR libraries.
  - DX-Ball in scheme (funtional language) Guided by Prof Amitabha Sanyal
  - Mini National UID Project Guided by Prof Deepak B. Phatak with a team of 80 assigned for designing an application for creating a database of fingerprints and personal information, and using for a practical purpose, using C++.

## Areas of Interest

- Face recognition,Pattern matching,Raster-vector image conversion,creating ebooks from printed copies.
- Web back-end desining,Object oriented design,Application development,Hardware design.
- Invention and innovation.

## Position of responsiility

- Currently working as the system administrator of my hostel and worked as computer Secretary
- Worked as the Coordinator for the Institute Festival.