S SIVA CHANDRA MOULI 09005045

Computer Science & Engineering UG Third Year (B.Tech.)

Indian Institute of Technology, Bombay Male

DOB: 05-10-1990

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	8.73
Intermediate/+2	APBIE	Narayana Junior College	2009	96.00
Matriculation	APBSE	Gowtham Model School	2007	91.17

SCHOLASTIC RECORD

- Secured 53rd position in IIT-JEE 2009 among 400,000 students, conducted across India.
- Among the 302 students who were awarded CBSE scholarship for performance in AIEEE.
- Achieved 33rd rank in the National Science Talent Search Examination conducted by Unified Council in 2009.
- Stood among the top 1% in the state in Physics and Chemistry Olympiads conducted by HBCSE in 2009.
- Placed 5th in the Regional Mathematics Olympiad conducted by National Board for Higher Mathematics in 2006-07.

WORK EXPERIENCE

- ❖ **Technical Account Manager at Dev Factory (05/2011 to 07/2011)**
  - **A) Overview**
    - Was part of the team for Faster Specialization of Technical Account Managers at Dev Factory and worked across various products.
    - The Goal of each faster TAM, as defined by them, is to achieve 5x to 10x speedup on each of ~5 use cases over half year (2.2x - 3.3x for the quarter), on the product.
    - Worked on products written in C,C++,Delphi and Java.
  - **B) Tools Used**
    - Most of the work was done on Amazon EC2 machines, through their Virtual Desktop Interface.
    - Used profilers such as Very Sleepy to analyze software and auto hot key to automate the given use cases.
    - Used Visual Studio for most of my work.
    - Used project management tools : Webeeh, Jira issue tracker and Confluence.
  - **C) Key Achievements**
    - Reduced the build time of my product from ~5 hours to 40 minutes using IncrediBuild. Involved setting up of coordinator, agents using trial version and reporting improvement based on various parameters.
    - Created a single solution file to build whole project, based on the dependency chart given
    - Effectively communicated and cleared queries of partners who worked on our projects.
  - **D) Link to my profile on oDesk, containing work history, feedback and test scores:**
    - https://www.odesk.com/users/~~cacd3c2aae672002

PROJECTS

1) **AUTOMATIC NUMBER PLATE RECOGNITION**
   - **Language**: C++
   - **Year** : Autumn 2010
   - Involved designing and implementing various algorithms for identifying the number plate in the picture, separating the characters and recognizing them.
   - Highly accurate in identifying the number plate from the picture based on our own algorithm, designed on some basic assumptions.
   - Developed our own algorithm for separation of the characters from the plate.

2) **DX-BALL**
   - **Language** : Scheme (Lisp)
   - **Year** : Spring 2010
   - Involved creating an improved model of the popular game DX-BALL in a completely functional language, Scheme.
   - Possible improvements like more appealing display, extra powers were identified and explored. Also added a feature called "build your own level".

3) **FINGERPRINT ANALYSIS AND RECOGNITION**
   - **Language** : C++
   - **Year** : Autumn 2009
   - Involved creating and managing a database for fingerprints, devising algorithms and writing code for matching them.

MINOR AND HONOR COURSES
- As part of management minor: Accounts and Finance, Human Resource Management and Project Management and as part of Honors: Graph Theory and Program Derivation.

SOFTWARE SKILLS
- **PROGRAMMING** : C,C++, Scheme, Java (Basics)
- **WEB**: HTML, FLASH,PHP, Ruby on Rails (Basics)
- **OTHER SOFTWARE**: Oracle, Scilab, Latex, Proficient with Visual Studio
- **OPERATING SYSTEMS**: Comfortable with both Windows and Linux

POSITIONS OF RESPONSIBILITY

- Currently **INSTITUTE SECRETARY FOR HOSTEL AFFAIRS**: Dealing with various problems and to improve conditions for all hostels and non-academic area of IIT Bombay.
- **MAINTENANCE SECRETARY** for my hostel (2010 - 2011): The responsibilities include overall maintenance of the hostel and coordinating the hostel workers.
- **BATCH COORDINATOR** for 5 teams and also a team leader for the project **FINGERPRINT ANALYSIS AND RECOGNITION**.
- Coordinator for Robowars (TECHFEST 2011) and Organizer for Competitions (TECHFEST 2010)

I hereby declare that the information given above is true to the best of my knowledge,
as of August 2011.

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