**Ajinkya Raut**

**PES Modern College of Engineering, Pune**

(+91) 8149983327  
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**Career Objective**

To make the best use of my technical knowledge in a research based career with the help of the Master’s Program.

**Educational Qualification:**

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| --- | --- | --- | --- |
| Institute | University/ Board | Marks/ Percentage | Year of Completion |
| **PES Modern College Of Engineering, Pune** | **Final Year**  Pune University | 66% | 2012 |
| **PES Modern College Of Engineering, Pune** | **Aggregate(1st - 4th)**  Pune University | 58.45% | 2008-2012 |
| **DELTA Junior College, Hyderabad** | **H.S.C (XIIth)**  (B.O.I.E. Hyderabad Andra Pradesh) | 84% | 2008 |
| **L. B. Aney Vidyalaya** | **S.S.C (Xth)**  (Amravati university, Maharashtra) | 83% | 2006 |

**Technical Skills:**

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| --- | --- |
| **PROGRAMMING**  **SKILLS** | C, C++, Assembly language, Embedded C, VHDL |
| **SOFTWARE** | Microsoft Office, Photoshop, MATLAB, Dip trace, Express PCB, Multisim, ModelSim, Xilinx ISE, OrCAD, Keil |

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| --- | --- |
| **PROJECTS** | |
| **FM TRANSMITTER** | Built a FM transmitter using the basic electronic components. Input was given through the microphone and modulated with the wave generated in the circuit. FM wave was received on the radio and checked |
| **TEMPERATURE SENSOR** | Project was designed in such a way that it could sense the temperature (0-1550c) using LM35 as the temperature sensor. The input is given to the ADC and the converted s/g is provided to microcontroller 8051, the temperature that is sensed is displayed on the LCD in degree Celsius. |
| **ULTRASONIC DISTANCE METER** | Project was based on the principal of ultrasonic waves. The distance of any object could be found out on the basis of time required for the transmission & reception of waves. The time so required is converted into distance accordingly using AT892051 and displayed using 7-segment display. |
| **SIGN LANGUAGE INTERPRETER** | We designed a system that would nullify the communication gap between aphonic and normal people. An audio signal is generated as per the hand sign made by the user. Flex sensors and Accelerometer are the two sensors that are used in the project which will be monitored by the microprocessor LPC2138, a memory IC AT45db161 is used to store the audio signals. The signals are fetched by the processor as per the input corresponding to the look up table. |

**Publications in International Journals:**

**Hand Sign Interpreter:**

The International Journal of Engineering And Science (IJES)

||Volume|| 1 ||Issue|| 2 ||Pages|| 19-25 ||Dec-2012|| [online] ISSN: 2319 – 1813 ISBN: 2319 – 1805

**DDR3 SDRAM Controller:**

*International Journal of Electronics and Computer Science Engineering (IJECSE)*

||Volume|| 2 ||Number|| 1 ||Pages|| 186-192 ||Dec-2012|| [online] ISSN- 2277-1956

**Personal Details**

Date of Birth: 03rd May 1990

Languages Known: English, Hindi, and Marathi

Interests: Sketching, playing computer games, dancing, photography.

**Co-curricular activities (since 2008)**

* Attended workshop on “NEXT GENERATION PLATTFORM“ FOR “NEXT

GENERATION DEVELOPERS” organized by IEEE.

* Secured All India Rank 6235 in GATE 2012.
* Active volunteer in community service as a member of Rotaract Club, Shaniwarwada

**Extra-curricular activities (since 2008)**

* Organizer of an event in annual technical event M-PULSE 2012.
* Runner up in line tracer and robot tasks event in EXCELSIOR.
* Participated in various technical and non-technical intercollegiate events.

**Professional experience:**

**Engineering intern**

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| --- | --- |
| **DISHA CONSULTANTS** | Worked on the aspects of cellular technology: 2G, 3G and implementation of GSM networks |

**DECLARATION**:

I hereby declare that the above stated information is true to the best of my knowledge.

**Ajinkya Raut.**

**@ Pune on 1 April 2013**

**To whom it may concern,**

The position of Graduate assistant fits my qualifications perfectly, and I am writing to express my interest in and enthusiasm for the position.

After completing a bachelor’s degree in Engineering from Pune University in August 2012, I did an internship for 3-months in order to enhance my professional skills and got myself involved into community service which improved my social skills.

**Internship highlights include:**

Leadership in an Organizational Setting, Performance & Task Analysis.

**Community service highlights include:**

Arranging club meetings, maintaining club database and communicating between clubs.

Based on your description of the ideal candidate, I also offer:

* A solid educational foundation in organizational development, development skills and knowledge of how to use technology to improve individual/organizational performance.
* A proven ability bond with individuals from all cultural and socioeconomic backgrounds.
* Technical proficiency in all the required software including MS Office, PowerPoint, MS Excel.

I believe my qualification suits for job description and my services could prove to be valuable to Rochester Institute of Technology. Please feel free to call me at (+91) 8149983327 or email at [aji\_kya@yahoo.co.in](mailto:aji_kya@yahoo.co.in).

Thank you for taking the time to review my resume and my letter. I look forward to a follow-up conversation to discuss what I can do to contribute in this great experience of becoming a Graduate Assistant at your university. Thank you for this opportunity

Sincerely,  
  
Ajinkya Raut