RAMESH NADAVATI

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EDUCATION:

2015-2016	Masters in Computer Science and Information Systems, University of Michigan, Flint, MI.
2010-2014	Bachelor of Technology in Electrical and Electronics Engineering, SHREE Engineering College, Tirupathi, AP, India.

SKILL SET:

- **Programming languages:** C, Python, Java, MySQL, SQL, Oracle, HTML, XML, PHP, JavaScript, MatLab.
- **Software:** Microsoft Office, Adobe Photoshop and Dreamweaver.
- **Operating Systems**: Windows (X, 07, 08, 10), Mac OS, Linux
- **Professional:** Excellent time management skills; Self-motivated; creative thinker; detail-oriented.

RESEARCH EXPERIENCE

1. **Topic:** Big Data for Small farmers (proposal project)
   - Advisor: Dr. Murali Mani, CSE-Dept. University of Michigan-Flint.
2. **Topic:** Table functions in oracle
   - Advisor: Dr. Murali Mani, CSE Dept., University of Michigan-Flint.
3. **Topic:** Independent study (Machine learning concepts in recognition of Face and Iris Biometrics)
   - Advisor: Dr. Michael Farmer, CSE Dept. Head, University of Michigan-Flint.
4. **Topic:** Reducing the cost of solar cell
   - Advisor: Asst. Professor G.Sanjanna, Mechanical dept. Head, SITE College
5. **Intern:** Internship at Rayalaseema Thermal Power Plant, Muddanur village, Kadapa.
6. **Intern:** Internship at IIT-Bombay on Robitics (with certificate)

WORK EXPERIENCE

- Working as a teaching assistant for courses like C, PHP, Unix, Visual basic, Database design, SQL, PLSQL, Algorithms, Java basics at University of Michigan-Flint.
- Experienced in using Eclipse, Oracle DBMS, Python, visual basic,
- Six Months real time experience in IT Industry as a Web Developer (both front end and back end).
- Worked as a part time system admin and lab assistant in my undergraduate for 3years.
- Two and half year research experience on Solar cells and developed a model.

TALKS AND SEMINARS

1. Big data for small farmers talk given at DB Research meeting at UM-Flint, U.S.A.
   - Guide: Dr. Murali Mani, UM-Flint.
2. Table functions in oracle talk given at University of Michigan-Flint, U.S.A.

- Guide: Dr. Murali Mani, UM-Flint.
3. The design of new Solar cell at very low cost talk given in IIT-Madras, Chennai.
    - Guide: Asst. Prof. G.Sanjanna.
4. Relationships between Generation and Transmission of Electricity Talk given in Shree Engineering College, Tirupathi.
    - Guide: prof. A. Sandyasri, Shree Engineering College
5. Increasing the efficiency of solar cells talk given in Sri Venkateswara University Engineering dept., Tirupathi.
    - Guide: Asst. Prof. A. Sandyasri, Shree Engineering College.
6. Cloud Computing talk given in IIIT-Kadapa
    - Guide: Asst. Prof. G.Sanjanna, Shree Engineering College

PROJECTS

Title: Table functions in Oracle and their performances.
Title: Integration of Java and DBMS: code written in Java, tables from DBMS (used Eclipse)
Title: Presented working model of a robot (automatic street follower) in CRE College.
Title: Data integrity proofs in cloud storage (code:java)
Title: Emotional analysis and face recognition system: tested professor dataset and used in research work.
Title: SAE Baja Team member: we are designing and deploying the new low price car model.
Title: Integration and operation of a single phase bi-directional inverter with two buck/boost MPPT'S for DC-Distribution Applications.

EXTRA CURRICULAR ACTIVITIES

1. Got two medals for the best outgoing student and best coordinator in SITE College.

2. Worked as organizer & committee member in several events conducted in the college.

3. Attended the workshop in robotics conducted by the IIT Mumbai.

4. I am a dancer own many prizes from school days and college days.

5. ISA member, participated as a dancer and coordinator at University of Michigan-Flint

REFERENCES

Reference contact details are available on request