

# Ravi Kanthaliya

Technical Lead

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Seeking a position to continue the growth in knowledge and excel in innovative technology application, interact and share with team members and colleagues, help them grow leading to overall team growth and develop world class solutions to real-world challenges.

## WORK EXPERIENCE

- Technical lead**  
Applied Materials India Pvt. Ltd.  
07/2011 – Present Bengaluru
- Achievements/Tasks*
- Successfully lead a sub-team of 4-5 people for multiple on time product releases.
  - Championed the implementation of team collaboration forum, which lead to creation of a centralized knowledge base for the software business unit.
  - Developed and implemented key software components in discussion with subject matter experts.

## PROJECTS

- Configurable GasPanel (10/2011 – 08/2014)**
- Developed a XML based mechanism to make gas-panels to be configured on the fly, without any need for change in code, reducing the development time to 2-3 hours from 15-20 days. Also provided dynamic GUI creation of gas panels, which received appreciation from customer. This product went on to become standard within the company for every new gas-panel.
- EMCoil Exclusivity (08/2015 – 11/2015)**
- Solved a problem of process impact on wafer deposition due to EMCoil interference using total software based solution. The solution was to use special hardware initially, however designed an exclusivity manager device which worked perfectly without affecting tool throughput. It turned out to be a big revenue generator for software division.
- Team Collaboration Forum (01/2017 – Present)**
- Successfully lead the initiative of moving framework knowledge out of individual mailbox and moving it to a centralized knowledge base. Identified individual team champions to drive it within the teams.

## EDUCATION

- Bachelor in Information technology**  
Malaviya National Institute of Technology, Jaipur  
06/2007 – 06/2011 GPA - 9.17
- Courses*
- Software Engineering
  - Object Oriented Programming Concepts
  - C, C++, C#
  - Operating Systems
- Senior Secondary (12th)**  
Rajasthan Board of Secondary Education (RBSE)  
07/2005 – 06/2006 88.32%

## SKILLS

OOP/Data Structure	●	●	●	●	○
C/C++	●	●	●	●	○
Design Patterns	●	●	●	●	○
C#	●	●	●	○	○
Team Work	●	●	●	●	●
Communication	●	●	●	●	○
Mentorship	●	●	●	●	○

## ACHIEVEMENTS

- Rookie of the year award (2011 – 2012)**  
*Award given in appreciation of being the best performing employee among all new joinees in a calendar year.*
- Employee of The Quarter (06/2013)**
- Technical Paper in ET Conference (2013)**  
*About Intelligent GUI Display of CVD Gaspanels in CGA presented in Applied Material's global ET conference*

## CERTIFICATES

- Systems Engineering (07/2017 – 02/2018)**  
*Certification by California Institute of Technology to effectively develop systems design, integration and manage cost, schedule, risk in engineering tasks*

## ACADEMIC PROJECTS

- Document Clustering using Wikipedia as an ontology**  
*Classified documents based on their content using indexed database obtained by parsing through large Wikipedia Dump.*
- Voice Integration/RSSI/Battery Monitoring of clicker**  
*Created a module for Clicker device at IIT-Mumbai for battery monitoring, displaying signal strength on device and use Clicker Device as microphone.*

## LANGUAGES

Hindi	●	●	●	●	●
English	●	●	●	●	○

## INTERESTS

Kabaddi | Cricket

Finance

Reading Books