

# SACHIN JAISWAL

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**Date of Birth:** 20<sup>th</sup> March, 1988

## Educational Qualifications

Year	Degree/Certificate	Institute/ School, City	CGPA/ %
2007-present	Bachelor of Technology, Electrical Engineering	Indian Institute of Technology, Kharagpur, West Bengal	7.72/10
2006	ISC,ISCE (Standard12 <sup>th</sup> )	Maria's Day School, Howrah	84.33%
2004	ICSE, ISCE (Standard 10 <sup>th</sup> )	Maria's Day School, Howrah	95.2%

## Positions of Responsibilities

Position, Organization	Key achievements and Duties
Secretary, Radha Krishnan Hall Of Residence	<ul style="list-style-type: none"><li>Managed the Event <b>ILLUMINATION</b> .</li><li>Supervised some major construction work for my hall.</li><li>Worked towards privatisation of maintenance of my hall.</li></ul>
Member, Corporate Exchange, AIESEC	<ul style="list-style-type: none"><li>Planned, designed &amp; managed several technical projects.</li><li>Struck partnership with various companies and thus, created several internship opportunities.</li></ul>
VP, Business Development, AIESEC	<ul style="list-style-type: none"><li>Management of events – Go Green Campaign.</li><li>Raked sponsorship from various companies.</li><li>Was the key person in managing our Local Board of Advisors.</li></ul>
President, Local Committee, AIESEC	<ul style="list-style-type: none"><li>Team Management of the Executive Board to ensure efficiency, accountability and sustainability of our Local Chapter.</li><li>Won the best <b>Local Committee</b> of India award in <b>Virtual Platform Utilization</b>, when we were just an expansion.</li><li>Was instrumental in organizing an <b>inter-IIT</b> Energy Saving Competition.</li></ul>
Assistant Coordinator, KSHITIJ	<ul style="list-style-type: none"><li>Managed several events during the fest.</li><li>Responsible for the participant reception before the fest.</li></ul>
Organizing Team, Energy Audit	<ul style="list-style-type: none"><li>Received <b>Certificate of Excellence</b> acknowledged by Teri, IEEE and ASHRAE.</li><li>Our work was highly appreciated and Prof. Acharya, Director of our Institute, awarded us with <b>Institute Tie</b>.</li></ul>

## Internships

**Organization:** Siemens Ltd.  
**City:** Kolkata

**Department:** Industrial Solutions, Metals  
**Period:** May 2009 – July 2009

**Project:** Automation of a High Pressure Hydraulic System.

- Built an operational design of 5-working-2-standby pressure pumps and represented them using an HMI screen.
- My guide, Mr. Abhijit, was very impressed with my work and my project work was used as a base in the design of one of their steel plant automation project.

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**Organization:** Bosch (RBEI)  
**City:** Bangalore

**Department:** ECU Engineering & Hardware  
**Period:** December 2009

**Project:** Modeling and control design for solenoid-based positioning device

- Was among the top 20 students from our institute to be invited for **Bosch On-Track** event, and the only one to be shortlisted for the internship programme.
- Studied a solenoid-based positioning device, simulated it and also modelled a real-time appliance for implementation in a flow control application.

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**Organization:** Siemens Corporate Technology (R&D unit)  
**City:** Bangalore

**Department:** Embedded Systems  
**Period:** May – July, 2010

**Project:** Integration of Profibus with the camera, Smart Eye

- Studied the working and design of the Smart Eye to be able to judge the required changes.
- Reintegrated the camera to be functional with new industry standard, Profibus.

## Scholastic Achievements

- Topped my school in Secondary and Higher secondary level.
- Passed RTMSC, a test based on mathematics with an exceptional score.
- Ranked among top 1% in the Joint Entrance Examination (JEE), conducted by IIT's.

## On Semester Projects

- Designed a product named, CRYOSMART, under RURAL DEVELOPMENT CENTRE. It is a low-cost refrigerator.
- Completed the project PSpice modeling of Switched Reluctance Motor.

## Key Extra-curricular Activities and Achievements

- Played a lead role in the Silver winning team in Open IIT English Dramatics 2008.
- Was a part of gold winning team in inter-school cricket in my school.
- Qualified NCC 'B' certificate examination.