

Abhinav Rai

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EDUCATION

Degree / Examination	University	Score	Year
B. Tech. in Computer Science	Indian Institute of Technology Jodhpur	8.97 / 10	2014 – Present
CBSE - 12 th	Sacred Heart Convent School, Jagadhri	94.60 %	2014
CBSE - 10 th	Sacred Heart Convent School, Jagadhri	9.8/10	2012

PROJECTS

- Customer Relation Manager (CRM) software (Sep 2015)
 - Created web app which allows distributors to manage customers and company to manage the distributor with dynamic data save.
 - Used Python-Flask framework, HTML, Materialise, Javascript, AJAX for frontend, MongoDB for Database.
 - Open sourced on Github: <https://github.com/theflyingmantis/Company-crm>
- Image sharing app – ShareU (Jan 2016)
 - Event based selected sharing of everybody images between people who are part of event.
 - Build in Android studio SDK with Backend in C#, Azure API and Frontend in XAML.
 - Showcased in Microsoft Code Fun Do hackathon.
- Academic Registration Portal (Feb 2016)
 - Developed the online academic registration portal for IIT Jodhpur including fee/dues clearance, Elective requests, course choosing, time-table management, etc.
 - Used Django Framework with SQLite3 for Database and Bootstrap, HTML, for frontend.
 - Open sourced on Github: <http://github.com/theflyingmantis/registration>
- AI code simulator for hex game (Jan 2016)
 - Developed Hex game simulator which conducts matches between 2 codes (C++/Java/Python) or Code Vs Human or Human Vs Human and shows simulations in real time and declares the winner.
 - Developed in Python-Flask framework with frontend in HTML, Javascript.
 - Open Sourced on Github: <https://github.com/theflyingmantis/mahabharata>. Used in Nimble to conduct event.
- C++ library on Binary Computations (Feb 2015)
 - Binary Computations library computes addition, subtraction, compliment, multiplication, division with input and output as string using best algorithms to reduce time complexity.

ACHIEVEMENTS

- 2nd in Battlecode event, Techfest, IIT Bombay among 80+ teams across India.
- 2nd in Qriyo Hackathon in IIT Jodhpur. Developed Events app to see and add events in IIT Jodhpur.

SKILLS

- Programming Languages: C, C++, Python, Javascript, C#.
- Platforms and Frameworks: Django, Flask, Materialise, Meteor.

POSITION OF RESPONSIBILITY

- Assistant Head, Programming Club, IIT Jodhpur (2015-2016)
 - Managed a team of 20+ core member. Organized Programming events in Ignus and Nimble.
- Head, Entrepreneurship Cell, IIT Jodhpur (2015-2016)
 - Organized events to enhance startup ecosystem in IIT Jodhpur.
 - Speaker in Entrepreneurial Workshop in IGNUS.
- Student Guide, Counselling Service, IIT Jodhpur (2015-2016)
 - Counselled 8 students, Organized Orientation, managed budget of 11 lakh Rupees.