

# AMIT JAIN

Software Developer Engineer  
Microsoft

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## EDUCATION

Year	Degree	Institution	CPI/%
2013-17	Bachelor of Technology	Indian Institute of Technology, Jodhpur (IIT Jodhpur)	8.03
2012	Intermediate	New Green Field Academy	83.4
2010	Matriculation	S.I.C.A. Sr. School	8.6

## ACHIEVEMENTS

- Qualified online regional round **ACM ICPC 2016**.
- Awarded **1<sup>st</sup> position** in Database systems course among 114 students
- Secured **1<sup>st</sup> rank** in college and **161<sup>th</sup> Global Rank** in Elimination round of Snack Down Codechef
- Secured an All India Rank **3349** in IIT-JEE (Advanced)-2013 among 1.4 million candidates.
- Awarded Certificate of Merit for being placed in National top **1%** in National Level Science Talent Search Examination in 2011.

## TECHNICAL SKILLS

### Programming Languages:

Proficient in: *C, C++, C# and Python*

Familiarity with: *JavaScript, Ajax, Angular*

**Specific Tools and Platforms:** MySQL, Android SDK, GitHub, Django, Angular

## EXPERIENCE

### First-Party Portal | MICROSOFT IDC | SDE June 2017- Present

- Enabling Microsoft 1<sup>st</sup> Party services to make faster assessments of outage and direct engagements of DRIs.
- Developed Microservices and setup Build-Pipeline and Alerting system.

### Chat Bot | MICROSOFT IDC | SUMMER INTERNSHIP 2016

- Worked on a **Bot for Skype for Business** development project under Foundry Team in Microsoft.
- Got familiar with many different Microsoft services like OneNote API, Azure, LUIS and Microsoft Graph API.

## PROJECTS

### Writer Identification

[Prof. Gaurav Harit]

- Built a **Machine learning model** to identify writer on the basis of his handwritten text image.
- Used two different approaches Text Dependent and Text Independent and compare the performance of the same.

### Event Management System

[Prof. Chiranjoy Chattopadhyay]

- A Web Application for Event Management in **Django**.
- Applied **Maximum Bipartite Matching** to schedule the events with given time preferences.

### Advance Snake Game

[Prof. Chiranjoy Chattopadhyay]

- Developed a Snake Game with **moving Food particle with Intelligence**, for enhancing the player's response time.
- Implemented in **Python** using Pygame library, used mutex lock for thread control on shared attributes.

## RELEVANT COURSES

- |                                 |                           |                                |  |
|---------------------------------|---------------------------|--------------------------------|--|
| • Algorithm Design and Analysis | • Artificial Intelligence | • Compiler Design              | • Computer Organization and Architecture |
| • Computer Network              | • Database System         | • Data Structure and Algorithm | • Object Oriented Analysis and Design    |
| • Deep Neural Networks          | • Operating System        | • Software Engineering         | • Theory of Computation                  |

## POSITIONS OF RESPONSIBILITY

- **Core Member, Programming club** IIT Jodhpur.
- **Obfuscator Event Coordinator** in Ignus (Intercollege festival).
- **Organizing Secretary**, Cultural Society IIT Jodhpur.