

## Amol Pol

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Website: amolpol98.github.io Github: <https://github.com/amolpol98>

### EDUCATION:

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Consistent **CPI and Rank increases every semester** from 1st year onwards.

Year	Degree/Certificate	Institution/School, City	CPI / %
2009-2013	B.Tech	Indian Institute of Technology, Jodhpur.	8.13
2009	Class 12 (CBSE)	Apeejay School, Kharghar	91.6
2007	Class 10 (CBSE)	Apeejay School, Kharghar	89.6

### SKILLS:

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Experience: C, C++, Algorithms, Data Structures, Linux

Exposure: HTML, PHP, JavaScript, CSS, Java, SQL, C#, MatLab.

### WORK EXPERIENCE:

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#### Cisco Systems, Bangalore

**Designation: Software Developer**

**August 2013 – Till Date**

#### *Roles and Responsibilities:*

- Responsible for the proper functioning of Config Manager in Cisco operating system IOS-XR with one other team member.
- My biggest accomplishment was the implementation of an Online Diagnostic Tool which will assist Dev Test team in identifying the right team responsible for the defect instead of reaching my team, thus freeing up our team's bandwidth.

### PROJECTS:

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#### **Developing a Knowledge Based System (KBS)** on fault diagnosis of an IC engine

- *Description:* B.Tech project on automation of fault diagnosis of an IC engine.

#### **Developing Assembler and Virtual Machine**

- *Description:* Developed an Assembler, Virtual Machine for Jack language which was implemented using C/C++ language.

#### **Image Processing**

- *Description:* Implement Principle Component Analysis (PCA) and K-Means Clustering methods using Matlab for the compression of the images. Error reduced to 3-5 %.

#### **Implementation of various ARQ algorithms** in network simulator **Qualnet**

- *Description:* Implement various ARQ algorithms like STOP and WAIT SLIDING WINDOW ARQs. The project was implemented using C/C++.

### PERSONAL PROJECTS:

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#### **Personal Website**

- amolpol98.github.io
- Personal resume website
- Languages: HTML5, CSS, Bootstrap framework.

#### **Addit Android Game**

- Simple Android Game wherein you have to clear the 9x9 board.
- Languages: Android/Java Programming
- Available on GitHub.

#### **Asteroid HTML5 Game**

- Asteroid game developed while learning HTML5 Canvas.
- Languages: HTML5, Javascript, CSS
- Available on GitHub.

#### **MyNotes Win 8.1 App**

- Simple Win 8.1 App where you can save, view, edit and delete a note.
- Languages: C#, Win 8.1 Programming
- Available on GitHub

## EXTRA-CURRICULAR AWARDS & ACHIEVEMENTS:

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- Cleared ACM ICPC Amritapuri Online contest 2012, and represented IIT Jodhpur in the onsite contest.
- Lead a team of 4 Table Tennis players to a first time win in Inter IIT sports meet 2011.
- Participated for the first 3 years of college in the Inter IIT sports meet which is a prestigious sports event.
- Coordinated Table Tennis event in Varchas-2009(IITJ sports meet) with a participation of 16 teams.
- Participated in various cultural events like Antaragni, Mood-I with Institute's Dance Team.