

# ASHWIN PATHAK

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## EDUCATION

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- **International Institute of Information Technology** *Hyderabad, India*  
*B.Tech in Computer Science and Engineering,*  
*CGPA (current) - 9.08/10*  
2015-2019
- **Vijayvergiya Bal Vidyalaya** *Kota, India*  
*Class XII, CBSE : 94.6%*  
2014 - 2015
- **Maharishi Vidya Mandir** *Sagar, India*  
*Class XI,*  
2013 - 2014
- **St. Joseph's Convent S.S. School** *Sagar, India*  
*Class X, CBSE : CGPA - 10 / 10*  
2013

## TECHNICAL SKILLS

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- **Programming :** C , C++ , Python, Java, Bash Scripting
- **Operating Systems :** Linux (Ubuntu, Fedora) , Windows
- **Web-Based, Frameworks :** JavaScript, HTML5 / CSS3, PHP (Laravel),  
jQuery(+AJAX), Bootstrap, Django, Ruby on Rails
- **Miscellaneous:** *mySQL, SQLite, OpenGL, WebGL, Unity Game Engine, Blender,*  
*MATLAB, Software Development Life Cycle, Nosetests,*  
*ARM Assembly, Git, Vim, Eclipse*

## WORK EXPERIENCE

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- **Intern at NE78India**  
*Worked as an intern for developing a web application , GETrux using*  
*PHP Laravel Framework*

## PROJECTS

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- **Humanoid Robot** *Prof. Rajan K.S., Neelima Satyam, Abhishek Sarkar*  
Implementation of a humanoid arm through simulations with complete

analysis of system design and aspects of system engineering.

- **Ultimate Tic - Tac - Toe** *Prof. Praveen Paruchuri*  
Developed a bot using alpha beta search and cut-offs to play tic - tac -toe against other bots or human in a 16 X 16 grid.
- **Short animation movie** *Prof. Avinash Sharma*  
Designed, directed and cinematographed a short animation movie using unity game engine , blender and windows movie maker.
- **OS Shell** *Prof. P.K. Reddy*  
Implemented a basic shell with limited commands in C.
- **Q/A Portal** *Prof. Raghu Reddy*  
Developed a portal for basic question answering using Ruby on Rails Framework.
- **Campus Store** *Prof. Sunil Jardosh*  
Developed an OLX kind of solution for campus in web2py framework.

## ACHIEVEMENTS

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- Dean's list in 2015-2016 for being in top 10% of the batch.
- Achieved an All India Rank of 1913 out of 13,00,000 (approx.) students in JEE Mains.
- Holder of prestigious scholarship of National Talent Search Examination.
- Awarded Certificate of Merit by Central Board of Secondary Education India for scoring a perfect grade throughout all subjects, All India Secondary School Examination.
- Active in painting, dance, literature and music.

## RELEVANT COURSES

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- Computer Programming
- Data Structures
- Algorithms
- Digital Logic and Processing
- Operating Systems
- Structured System Analysis and Design
- Databases
- Artificial Intelligence
- Digital Signal Analysis and Applications
- Engineering Systems
- Computer Networks

