# Manish R. **Yadav**

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## **Exp**erience

### Aer Media
FULL STACK DEVELOPER                                                                                                                      *Aug. 2017 - Present*
- **Aer Media** is a marketing technology company that enables brands connect influencers to sell online more effectively.
- **Languages** : PHP; **Front End** : jQuery, Bootstrap, JavaScript; **Databases** : MySql, ElasticSearch
- Collect Influencer generated content from Social media sites (YouTube, etc), and give brands visual insights of YouTube analytics and conversion analytics to measure the ROI of each visual.

### Newgen Software Technologies Limited
SOFTWARE ENGINEER                                                                                                                        *Aug. 2016 - Aug. 2017*
- **Newgen Software** is a global provider of content and communication management solutions.
- **Technologies** : Android, jQuery UI, Bootstrap
- Worked on enterprise grade mobile capture application for **IndusInd Bank Limited** which resulted into *reduced TAT* for Account Opening process from *3-4 days to 10 mins*. More than *200+* digital accounts being sourced *daily* using tablet.

## **Edu**cation

### Thakur College of Engineering and Technology                                                     *Mumbai, India*
B.E. IN COMPUTER ENGINEERING                                                                                                              *Aug. 2012 - 2016*
- Aggregate CGPA : 8.15

### Thakur College of Science and Commerce                                                            *Mumbai, India*
COMPLETED HIGHER SECONDARY BOARD                                                                                                          *Aug. 2010 - 2012*
- Percentage: 76.33

### St. Mary's High School, Mira                                                                      *Mumbai, India*
COMPLETED SECONDARY BOARD                                                                                                                 *Aug. 2003 - 2010*
- Percentage: 83.64

## **Pro**jects

### Warehouse Management System
E-YANTRA ROBOTICS COMPETITION                                                                                                            *Nov. 2014 - Mar. 2015*
- Small scale implementation of an automated supply chain using order picking algorithm (Ratliff et. al.).
- Robot has to visit each pick-up point (12 pick-up points) and if there is a package pick up the package
- The robot detects the color of the package using a color sensor and places it in the appropriate deposition zone (5 deposition zone).
- Development on Fire Bird V ATMEGA2560 Robotic Research Platform, Nex Robotics, IIT Bombay
- Achievement: National Level 6th for assigned theme

### Minesweeper
BASED ON IJARCCE-GRID BASED ROBOT NAVIGATION USING PRIORITY ALGORITHM ISSN (ONLINE) : 2278-1021          *Jan. 2013 - Feb. 2013*
- Identify the location and the total number of mines (blocks) placed at random positions in the arena
- The robot has to keep a count of these mines identified and their position while traversing its path, avoid them and reach its destination
- Algorithm used : Depth First Search(DFS) and Dijkstra's Algorithm

### SenPi: Low cost smart solution for classrooms
FINAL YEAR PROJECT                                                                                                                       *Nov. 2015 - Mar. 2016*
- Replacement of Scheduled Laptops and Workstations of College classrooms with Raspberry Pi projection system.
- Provision for storage of MOOCs(Massive Online Courses) by MIT, Berkley etc. (ongoing).
- Remotely controlled Raspberry Pi using Android NDK improving throughput by 65 percent and using Python Script on it for increasing efficiency of central file server by allowing multiple user files being accessed concurrently

## Honors & Awards

**Semi-Finalist**

Technovanza, VJTI                                                                                        *Dec. 2013*

- Semi-Finalist for VJTI's Robotic Challenge conducted at Technovanza, the National level technical festival of VJTI, Mumbai.

**First Prize**

Blind C                                                                                                   *Dec. 2014*

- Awarded 1st place for participating in Blind C at an Inter College Competition of Soul of Universal.

**Sixth Prize**

E-Yantra Robotics Competition                                                                 *Nov. 2014 - Mar. 2015*

- Secured All India Rank 6 for Warehouse Management at an annual National Level Robotics competition conducted by IIT, Bombay.

## Position of Responsibility

2014     **Event Manager**, TCET-ISTE

2015     **Technical Head**, Sojourn

2015     **Event Head**, E-Nspire

## Extra-Curricular

2014     **Volunteer**, Zephyr

2013     **Volunteer**, IET- Present Around the World

## Languages & Technologies

**C; Java; PHP; SQL; Embedded C; Javascript; Android Programming; HTML5; CSS;**
**Proficient with Linux and Windows.**