

Manish R. Yadav

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Experience

Newgen Software Technologies Limited

SOFTWARE ENGINEER

Aug. 2016 - Aug. 2017

- **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.

IDfy

FULL STACK DEVELOPER

Oct. 2017 - Present

- **Technologies** : Ruby On Rails, Sinatra, Sidekiq, RabbitMQ, CoffeeScript, HamI, Docker, Google Cloud Platform, Kubernetes
- Complete ownership of application for tracking address verification task across various disciplines that helps our in-house operations team to create, update and manage leads. Expanded existing functionality and re-factored existing code to handle higher volumes and have better user experience
- Designed, developed and shipped TDD web application to maintain SMS and email communication for all inhouse projects

Education

Thakur College of Engineering and Technology, Mumbai

B.E. IN COMPUTER ENGINEERING, AGGREGATE CGPA : 8.19

Aug. 2012 - 2016

Projects

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.).
- Development on Fire Bird V ATMEGA2560 Robotic Research Platform, Nex Robotics, IIT Bombay
- Achievement: National Level 6th for assigned theme

Minesweeper

BASED ON IJARCC-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; PHP; SQL; Embedded C; Javascript; Android Programming; HTML5; CSS;
Ruby; Docker; Kubernetes; Ruby on Rails; Proficient with Linux and Windows.