

Manish R. Yadav

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Experience

Insider.in

FULL STACK ENGINEER

Sep. 2018 - Present

- **Technologies** : Node, Laravel, MySQL, Docker, Amazon Web Services, Kubernetes, Redis, MongoDB
- Worked as a Full Stack Engineer, to revamp existing accreditation system to improved its security, add features to existing system.
- Developed integration, UI and unit tests cases increasing code coverage from 0% to 82%.
- Updated existing code base to PHP7.2 in container environment using Docker

IDfy

FULL STACK ENGINEER

Oct. 2017 - Sep. 2018

- **Technologies** : Ruby On Rails, Sinatra, Sidekiq, RabbitMQ, CoffeeScript, Haml, 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 in-house projects

Newgen Software Technologies Limited

SOFTWARE ENGINEER

Aug. 2016 - Aug. 2017

- **Technologies** : Cordova, 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 1000+ digital accounts being sourced daily using tablet.

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, Berkeley etc.
- 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.

Recipient

IEDC (INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTER) GRANT, DEPT. OF SCIENCE & TECH

2016 - 2020

- Proposed replacement of workstations with distributed Raspberry Pi projection systems, proposed for schools in rural areas for low cost computing.

Pat on the Back

NEWGEN SOFTWARE TECHNOLOGIES LIMITED

2016

- Awarded for successful implementation and smooth execution of IndusInd Tablet Banking project

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; JavaScript; Docker; Kubernetes; Ruby on Rails; Proficient with Linux and Windows.