

# Manish R. Yadav

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## Education

### University of Florida

M.S IN COMPUTER SCIENCE, AGGREGATE CGPA : 4.0/4.0

Aug. 2019 - Present

Analysis Of Algorithms, Mathematics for Intelligent Systems, Advanced Data Structures

### Thakur College of Engineering and Technology, Mumbai

B.E. IN COMPUTER ENGINEERING, AGGREGATE CGPA : 8.19/10.0

Aug. 2012 - 2016

## Experience

### PayTM Insider

FULL STACK ENGINEER

Sep. 2018 - Jul. 2019

- **Technologies** : Laravel, MySQL, Docker, Amazon Web Services, Kubernetes, Redis
- 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 68%.
- Updated existing code base from PHP5.6 to PHP7.2. Decreased multiple API response time from 2-10s to < 500ms. Converted various synchronous jobs to asynchronous for better throughput.

### 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.

## Projects

### Grid Traversal Robots

E-YANTRA ROBOTICS COMPETITION, IIT BOMBAY

Nov. 2013 - Mar. 2015

- Developed order picking algorithm for small scale warehouse simulation
- Created mine localization algorithm to locate mines in grid using DFS and Dijkstra's Algorithm.

### SenPi: Low cost smart solution for classrooms

FINAL YEAR PROJECT, MUMBAI UNIVERSITY

Nov. 2015 - Mar. 2016

- Addressed the operational issue of laptop scheduling in classrooms for teaching with a raspberry pi based solution

### Open Source Contribution

SELF INITIATED

- Free and open source app to share mental health experiences with loved ones: <https://www.if-me.org/>
- Website for PyCon India 2019 <https://in.pycon.org>

## Honors & Awards

2013	<b>Semi-Finalist</b> , VJTI's Annual National Robotics Competition
2014	<b>First Prize</b> , Blind C
2015	<b>Sixth Prize</b> , e-Yantra Robotics Competition
2016	<b>Recipient</b> , Innovation & Entrepreneurship Development Center Grant, Dept. Of Science & Tech
2016	<b>Pat on the Back</b> , Newgen Software Technologies Limited

## Position of Responsibility

2014	<b>Event Manager</b> , Student Body TCET-ISTE
2015	<b>Technical Head</b> , Sojourn
2015	<b>Event Head</b> , E-Nspire

## Languages & Technologies

Javascript; Ruby; PHP; C; SQL; Docker; Ruby on Rails;