

Manish R. Yadav

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Education

M.S in Computer Science

UNIVERSITY OF FLORIDA

GPA: 3.66/4

Aug '19 - Dec '20

Courses: Analysis Of Algorithms, Mathematics for Intelligent Systems, Advanced Data Structures, Machine Learning, Pattern Recognition

B.E. in Computer Engineering

UNIVERSITY OF MUMBAI

GPA: 8.19/10

Aug '12 - Jun '16

Courses: Data Structures, Database Management System, Theoretical Computer Science, Operating System, System programming and Compiler Construction

Experience

SDE Intern

Seattle, WA (Remote)

AMAZON

May. 2020 - Jul. 2020

- **Technologies:** Java, JSP, SQL, Amazon Kinesis, Amazon SQS, Amazon Lambda, Mockito
- Worked on a project to help better communicate with participants in program, Amazon Vine. This involved researching and writing queries to leverage program data, building a data pipeline to fetch, calculate, and store said data, and creating API's and making front-end changes in services to surface this information to program participants.

Full Stack Engineer

Mumbai, India

PAYTM INSIDER

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 48%.
- 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. Dockerized application to host it over AWS Elastic Kubernetes Service(EKS).

Software Engineer 2

Mumbai, India

IDFY

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. Assisted in moving application from Heroku to Google Cloud Platform
- Designed, developed and shipped TDD web application to maintain SMS and email communication for all in-house projects

Software Engineer

Mumbai, India

NEWGEN SOFTWARE TECHNOLOGIES LIMITED

Aug. 2016 - Aug. 2017

- **Technologies:** Cordova, Java, 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

<https://github.com/meanmachin3/>

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
- Recipient of IEDC (Innovation and Entrepreneurship development center) Grant, Dept. Of Science & Tech

Open Source Contribution

<https://github.com/meanmachin3/>

SELF INITIATED

- <https://www.if-me.org/>: Free and open source app to share mental health experiences with loved ones:
- <https://in.pycon.org/>: Website for PyCon India 2019
- <https://github.com/CircleCI-Public>: Contributed to CircleCI orbs as a part of Hacktoberfest '19

Honors & Awards

2013	Semi-Finalist , VJTI's Annual National Robotics Competition
2014	First Prize , Blind C - Programming in C with the monitor kept off
2015	Sixth Prize , e-Yantra Robotics Competition
2016	Recipient , Innovation & Entrepreneurship Development Center Grant, Dept. Of Science & Tech
2016	Pat on the Back , Awarded for successful implementation of tab banking by Newgen