

# Rajan Kr. Mishra

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## PROFESSIONAL SUMMARY

Motivated Programmer with 1.5+ years spent in the IT industry. Engaging demeanor is known for working well in deadline-driven environments. Quickly masters new software packages and hardware technologies. Innovative professional with a proven track record of developing solutions. Adept in multiple programming languages and offers great task prioritization and organizational skills. Proven ability to troubleshoot complex programming problems. Good communication and interpersonal skills, able to work in a team environment and independently with tight schedules.

## EDUCATION

- MIT School of Engineering, Pune, Maharashtra, India.  
B. TECH (ECE) 7.73/10  
2017-2021
- SKB SR Sec School, Gopalganj, Bihar, India.  
12<sup>th</sup> (PCM) 65.80/100  
2016
- Saraswati Vidya Mandir, Bettiah, Bihar, India.  
10<sup>th</sup> 8.8/10  
2013

## TOOLS & SKILLS

### Key Skills

- Data Analysis.
- Data Mining.
- Data Visualization.
- Data Manipulation.
- Statistical Analysis.
- KPI Monitoring.

### Technical Skills

- MS – Office (Adv Excel, Word, etc.).
- Python.
- Matplotlib.
- NumPy.
- Pandas.
- Sci-kit.
- Tableau.
- PL/SQL.
- PeopleSoft FMS.
- HTML-CSS.
- JavaScript.
- GITHUB.
- C/C++ Programming.
- Oracle Certified Foundation Associate-22.

## WORK EXPERIENCE

- Programmer Analyst (Nov' 2021 – Current)  
Cognizant Technology Solution Pvt. Ltd. – PUNE, MAHARASHTRA, INDIA.
  - Working with People Tools and other technologies such as People code, PS query, Peoplesoft, Application Engine, and Oracle SQL Developer.
  - Delivered scalable system architecture to support high-availability Internet sites with various internal applications.
  - Performed regression and system-level testing to verify software quality before release.
  - Preparing technical design documents and unit test case documents for new enhancements.
  - Providing immediate technical solutions on Adhoc issues.
  - Utilized Python libraries such as Pandas & NumPy to analyze the large data sets, resulting in a 15% increase in data accuracy.

## INTERNSHIP

- Junior Engineer (Aug' 2021 – Oct' 2021)  
Flextronics Pvt. Ltd. – PUNE, MAHARASHTRA, INDIA.
  - I have experience using Agile tools as well as PLM, Baan, BOM functional modules, and macro programming.
  - Develop effective communication and interpersonal skills, and the ability to operate both alone and in a team environment.
  - Prepared standard reports and documentation to communicate results to senior management.
- PCB Design Intern (July' 2020 – Aug' 2020)  
Engecture.in - THANE, MAHARASHTRA, INDIA.  
In this Internship, I gained experience on PCB designing with a 3D view, Gerber file, and simulation on different platforms to check its accuracy, debugging, and also performed on Simulink.
- Intern (May' 2020 – July' 2020)  
Vardhan Consulting Engineers - PATNA, BIHAR, INDIA.  
To learn about the solar plant industry and designing solar plantations at large scale, for the reusable energy source. And draft an estimated report for the plantation by using PVsyst software. And learn the basic parameters of Electronic Vehicles and the challenges for EVs in India as customers and manufacturer. Also, to analyze the initiative for people to switch from combustion-based engines to Electronic Vehicles.
- Intern (Dec' 2019 – Dec' 2019)  
Magmam Solutions - PUNE, MAHARASHTRA, INDIA.  
In this, I've learned and implemented various projects on embedded systems with micro-controller such as 8051 and PIC184xx with the help of many physical sensors and motors. This internship has greatly helped me in building my fundamentals in embedded systems.

## PROJECT

- Smart Health Monitoring System using IOT (Aug' 2020 – May' 2021)  
To design & implement a portable device that can measure the health parameters like temperature, heart rate, oxygen level, etc., and notify according to significance. And plot a proper report by using the previous database record in the system/server and send it to the user by electronic mode with the nearest clinical details.
- IOT Based Smart E-notice board (Jan'2020 – May' 2020)  
To design & develop a smart e-notice board to display a message on a real-time axis from anywhere and to conserve time and resources for security purposes it's secured by unique credentials to the authorized person only.
- Automation for Home appliances (July' 2018 – May' 2019)  
To implement and design an electronic circuit device for home automation by using an Arduino controller as well as with analog devices to control the AC-operated appliances for saving electricity and smart operation for electronic gadgets or home appliances.