# DEBI PRASAD MISHRA

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## Education:

1. Introduction to **Quantum Computing with IBM Quantum** and **The Coding School, Canada,** trained by **MIT scientists, 2020 – 2021**
2. Bachelor of Technology (**Electronics and Communication**), ITER, Siksha O Anusandhan University, Bhubaneswar, Odisha, 8.81 CGPA, 2016 – 2020
3. 12th Science, Oscar Science College, Kendrapara, Odisha, 70%, 2014 – 2016
4. 10th CBSE, Jawahar Navodaya Vidyalaya, Kendrapara, Odisha,  8.8 CGPA, 2014

## Certification:

1. **Ethical Hacking and Information Security** from National Institute of Electronics and Information Security (**NIELIT**)
2. **Grade-A** certification on **Cyber Forensics, Cyber Crime, Cyber Security and Cyber Law** from **International Forensic Sciences(IFS), Pune**
3. **Understanding of Coastal Ocean Process** using **Remote Sensing and Numerical Modelling** by **IIRS, ISRO, Dehradun**

## Work Experiences:

1. **Hexaware Technologies, Associate Software Developer** (Jan 2020 – Mar 2020)
   **Project: Employee Leave Management System [GitHub Link]**
   Allowing user to create their account, to apply/reject leave in an organisation. This application also includes management of different roles including Admin, HR, Manager, and Employee.
   **Tech Used:** Spring, Hibernate, Angular, HTML5, CSS3, JavaScript, and Typescript

## Internship Experiences:

1. **RTTC Bhubaneswar, BSNL**
   Internship on IP Networking and Optical Fiber Cable, RJ45 cable, Cisco packet Tracer
2. **Robogenesis, Internet of Things, Bhubaneswar**
   Worked on several applications using ATMega8 and Atmega328 Micro-Controllers and ESP8266 module
3. Vocational Training on **Networking** at **Rourkela Steel Plant, Odisha**

## Technical Skills:

- **Quantum Computation**
- **IBM Quantum Experience** and **Qiskit**
- **Databases:** MySQL, Oracle, IBM-DB2, MongoDB
- **Backend Development:** JAVA SE and EE, JDBC and JSP, Hibernate, Spring Framework(MVC, Boot, REST, Security), Junit and Maven, API Development, Node JS, Express JS, Mongoose, Python, Flask
- **Frontend Development:** React JS, EJS, Pug/Jade, JavaScript(ES6), Bootstrap5, JQuery, HTML5, CSS3
- **Cyber Security:** Reconnaissance, Penetration Testing, Network Security, Cryptography, Steganography, Encryption, Social Engineering, Metasploit Framework, Wireshark, Nmap, Nessus, Nexpose, Burpsuite, InsightVM, Active Directory, Malware and Backdoor Creation, Privacy, Security, Anonymity
- **Standalone Application Development:** JAVA SE, Python
- **Networking**
- **Bash Scripting**
- **Git**
- **OS**: Linux, Windows, Qubes , Kali Linux

## Projects:

1. **Traveller:** A travel booking website that allows you to create your account, upload photos, book a tour, see map view of your travel location and stops. [Visit Site]
2. **Keeper:** A replica of google keeper application that allows you to record your notes and stories. [Visit Site]
3. **Calculator:** A calculator that allows you to perform mathematical calculations at ease. [visit site]
4. **Grammarly Spell Check:** A spell checker that allows you to upload a .txt file, performs a spelling check for you, and shows suggestions to incorrect spelled words wherever necessary.
5. **Newsletter:** A coffee shop Ek Cup Coffee's daily news and recent events, this application allows you to sign up for a newsletter. [Visit page]
6. **To Do List:** This application allows you to create to do list for today, also you can mark them once they are completed and the list resets for next day. [Visit Page]
7. **Daily Journal:** A place where you can write your daily journal and share it with the world. It also allows you to update your about me and contact information. [Visit Page]
8. **Music Drum:** An application that allows you to play music using drums, you can use it to learn band or orchestra. [Visit Page]
9. **Currency Converter:** This application allows you to convert any currency to any currency on real time. This also tells you the current exchange rate. [Visit Page]
10. **Weather Finder:** This application allows you to find out the weather at your location. It also has a default location of Delhi in case it is unable to detect your present or in case you deny permission to access the location. [Visit Page]
11. **Pattern Test:** This application allows you to test your cognitive ability and response time. You can track your score by playing the game that will help you keep your mind sharp. [Visit Page]
12. **Omnifood:** This static page is designed for a company Omnifood. [Visit Page]
13. **Workout Tracker:** This application allows you track your workout with the map view also the distance travelled and your workout. You can also view your previous workouts at any time. [Visit Page]
14. **Recipe Finder:** This application helps you find your favourite dishes recipe that you can use to cook your food. You can also change no of servings to get the exact calculations. [Visit Page]
15. **Bankist Website:** A Bankist bank's welcome page. [Visit Page]
16. **Bankist Bank:** A bank that allows the transfer, loan, closing account operation, viewing account passbook and has support for international currency. Login using 2 demo accounts: dp: 1111 OR vm: 2222 [Visit Page]
17. **Dice game:** It is a two-player game that allows you to record your score and switch sides if dice points 1. [Visit Page]
18. **Notepad Application:** This is a complete replica of windows standalone notepad application. [GitHub]
19. **Chatting Application:** This is a standalone application that allows you to chat between 2 persons. [GitHub]
20. **100 projects using Python:** [GitHub]

**For more projects visit:**
**https://www.debiprasadmishra.net/projects**

**For Research pages and hand books visit:**
**https://www.debiprasadmishra.net/research**

## Additional Skills:

Fast Learner, Researcher, Teacher, Proactive, Agile, Troubleshooter, Diligence, Sportsmanship, Computer application, Adaptable, Visionary, A person who knows to find answers.