

# ABHISHEK KUMAR PATHAK

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## EDUCATION

### B. Tech in Electronics and Communication

#### Motilal Nehru National Institute of Technology

June 2019 – May 2023(Expected)    Prayagraj

- 8.99 CPI

### XII CBSE

#### Sant Atulanand Convent School

March 2017 – May 2018    Varanasi ,UP

- 95.4 percentage

## PROJECTS

### Electronics Society Website [Link](#)

#### Developed and Maintaining Official Electronics Society Website of NIT Allahabad

Sept, 2021 – Sept. 2022    Prayagraj

- It is acting as site for all useful and necessary resources, notices for students.
- It is acting as a bridge between Alumni and Students, Conducting Notices or any Internship opportunity from Alumni for Students.
- Languages: HTML, CSS, JavaScript (front-end) and Django (Backend)

### SecureDoc

#### A Website to Store and Share documents Securely using IPFS based on Blockchain

September 2022 – Ongoing    Prayagraj

- This website will provide a platform to store and share any document over web very Securely using IPFS, decentralised file sharing protocol
- Languages: HTML, CSS, JavaScript (front-end), Django (Backend) and IPFS for File sharing protocol

### Vitarana-Drone [Github Link](#)

#### This is an Automated Drone Developed under E-Yantra Competition Organised by IIT Bombay and MHRD

August 2020 – March 2021    Prayagraj

- It aims at **Automatic Pickup and Delivery** of various packages to their destinations, optimizing for time and quantity
- Simulated the drone in **Gazebo environment** to deliver and return various packages to their destination efficiently.
- Frameworks used: Gazebo Simulator , ROS (Robot Operating System).

## SKILLS

### Programming Languages

- C, C++
- Basic Python

### Frameworks

- Django, Docker, Helm, Gitops.
- ROS ( Robot Operating System)

### Cloud Platform

- OpenShift

## EXPERIENCE

### Summer Internship Morgan Stanley

#### Worked as Technology Analyst Intern at Morgan Stanley

May 2022 - July 2022

- Worked to Dockerize and host the application on OpenShift of various internal Softwares of Morgan Stanley
- Docker, OpenShift, Helm.

### Problem Setter at HackerEarth

#### Working as Problem Setter on HackerEarth

December 2021 – Ongoing

- Working as DSA and CP problem setter and set more than 30 problems till now.

## ACHIEVEMENTS

- 5 star** (2100+ rated) on Codechef [Profile](#)
- Expert Rated** on Codeforces [Profile](#)
- Secured Global rank **944**, All India rank **142**, and College Rank **1** in **Google Hash Code 2021**
- Secured Global rank **492** in Google Kickstart Round H 2021
- Secured **1st rank** in Insomnia (Biggest Coding Competition of MNNIT Avishkar 2021)
- Secured **1st rank** in Codotron (Team Based Coding Competition of MNNIT Avishkar 2021)
- Secured **1st rank** consecutively in Codespark 2020 and 2021 (Coding Competition under MNNIT Avishkar 2020)
- Secured **2nd rank** in Robomania 2020.
- Under **Top 10** in E-Yantra 2020-21 by IIT-Bombay and MHRD India (among 550+ teams).
- Under **Top 5** in Hack36 (Annual Hackathon of NIT Allahabad) out of 500+ teams
- Worked as a **Tester** in Several Codeforces Rounds.

## POSITION OF RESPONSIBILITIES

- Admin** of Computer Coding Club MNNIT Allahabad.
- Coordinator** of Robotics Club MNNIT since January 2021.
- Part of **Official Website Development** team of Electronic Society and Coordinator of Webteam of Electronic Society
- Mentoring students** of 1st year and counseled them on academics and Technical Activities
- Part of **Official Website Development** team of SMP under Dean Web Team.