

Ashish Kumar

B.Tech – Mechanical Engineering – IIT, Dhanbad



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EXPERIENCE

Juspay — SDE Intern

Ongoing

- Worked on a loan providing platform using existing infrastructure of GEM Sahay app and its integration with Whatsapp API,
- Used functional programming languages, haskell and purescript, to implement the API.

Standard Chartered, Chennai — SDE Intern

MAY 2021 - JULY 2021

- Worked on automating the conversion of printed and scanned receipts into tabular format,
- Developed hybrid model of pyTesseract, TabulaPy, pyPDF and camelot into a single module for optimised output,
- Successfully deployed for company wide usage,
- Also worked on time series analysis for monitoring of employee productivity.

Cyber Cell, UP Police — Cyber Security Intern

MAY 2020 - JULY 2020

- Performed penetration testing on live systems,
- Used web hacking methodology for gaining admin access using different attacks like SQLi, XSS, brute forcing, and others,
- Used different tools like nmap, burp suite, metasploit, hydra, john the ripper, gobuster, etc for pentesting.

PROJECTS

Divya Drishti

- A monitoring system for patients which sends an alert if a panic attack or something unusual is detected, along with providing live feed.
- Flask, Deep Learning, HTML, CSS, JavaScript were used for development and Vonage API for sending alerts.

Blogging Website

- A website where a user can register, post his blogs, update his profile, like and comment on any post.
- Java is used in backend along with MySQL database and HTML, CSS, JavaScript is used for frontend.

Corobuster

- A directory busting tool to find hidden pages similar to Dirbuster and Gobuster.
- Can also be used to find hidden files with specific extensions.
- Developed in Python2.7 but is compatible with other versions.

EDUCATION

Indian Institute of Technology (ISM), Dhanbad — Bachelor of Technology in Mechanical Engineering

JULY 2018 - MAY 2022 CGPA – 8.43

Chinmaya Vidyalaya, Bokaro

12th - APRIL 2016 - APRIL 2017 - 91.3%

MK DAV Public School, Daltonganj

10th - APRIL 2014 - APRIL 2015 - 9.8 CGPA

SKILLS

- **Strong** : C++, Python, Data Structures and Algorithm, OOPS, Operating System, Networking
- **Intermediate**: Cyber Security, Bootstrap, Linux, HTML, CSS, JavaScript
- **Basic**: Time Series Analysis, NodeJs, Reactjs

COMPETITIVE PROGRAMMING

- **Codeforces**: Rating – 1550, Problem Solved – 500+
- **Leetcode**: Rating – 1626, Problem Solved – 400+
- **CodeChef**: Rating – 1903, Problem Solved – 100+
- **Geeksforgeeks** : Problem Solved – 150+

ACHIEVEMENTS

- aXess Lab Hackathon **2nd runner up**
- **Rank 7** in INTER IIT 2019 in CTF
- **Rank 11** in Devil's hunt of Geek-Olympics 2020
- State Rank 2 in JCECE 2018 (Jharkhand Combined Entrance Competitive Examination Board)
- State **Rank 9** in NMST
- Country **Rank 25** on CTFtime (Team : Cyberlabs)
- Secured **Global Rank 100** in CodeChef September Cook-off 2021 Division 2
- Secured **Global Rank 523** in Google Kickstart 2021 Round F

POSITIONS OF RESPONSIBILITY

- President – Student Gymkhana.
- Cyberlabs- Infosec Division Head
- Organiser – Capture The Flag and Rock the Wagon (Concetto -Tech Fest of IIT Dhanbad 2019)

EXTRACURRICULARS

- Member of Fast Forward India(NGO)
- Playing Cricket
- Toastmasters (Debate Club of IIT Dhanbad)
- Swimming