

AMIT KUMAR TIWARI

B.Tech. Computer Science and Engineering
UG (IV Year I Semester)
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Madan Mohan Malaviya University
of Technology, Gorakhpur



Area of Interest

Data Structures and Algorithm

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2020	B.Tech. 4th Year	MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY, GORAKHPUR	8.5 (6 th sem)
2015	Twelfth	BV BHAWAN INTER COLLEGE RATSAR BALLIA	85.6 %
2013	Tenth	MVVM MISHRA COLONY QUAZIPURA BALLIA	89.5 %

Achievements

- Won first prize in INNOWIZION 2019 (University Innovation Cell).
- Secure global rank 4 in January cookoff 2019 Div2 on CODECHEF, Handle-epsileer.
- Secure global rank 1 in October challenge 2018 Div2 on CODECHEF Handle-epsileer.
- Secured 21st rank in CODECHEF API HACKATHON POWERED BY ALIBABA CLOUD 2018
- I was in top 2% among 966 candidates in NPTEL online Design and Analysis of Algorithms certification exam.
- Earned 4 bronze medal on Hackerrank.

Skills

Computer languages	C++, Python, C, Php, Java, Javascript
Software Packages	Android Studio, Docker, Kubernetes, Ansible, Dev C++, Sublime
Additional Courses Taken	Design and Analysis of Algorithm IIT Madras
Languages Known	English (SRW), Hindi (SRW)

Internships

EKLAVYA RESEARCH INTERN | CSE Department, IIT Bombay

19 May 2019- 9 July 2019

- Mentor: Nagesh Karmali (Sr. Manager (Research) CSE department IIT Bombay)
- Project Name: Configurable and Scalable IITBombayX MOOC platform on commodity servers.
- Used ansible to install requirements in all hosts.
- Work done by me was to create a Kubernetes cluster & create volume, deployment and service yaml files for all images of opensource OpenEdx platform.

ANDROID DEVELOPMENT INTERN | Smart Healthzone Pvt. Ltd. Gorakhpur

1 May 2018- 30 June 2018

- We have created fully functional android app with help of company's own API services.
- User can order ambulance/medicine, can book appointment of doctor/nurse.
- Used MPAndroidChart third party library for health chart and history.

WEB DEVELOPMENT INTERN(Virtual) | Olcademy

9 May 2018- 9 July 2018

- Technologies used: Html, Css, Javascript, Php, Mysql
- Worked on user profile section, listening test and mailing system.

Projects

EPIPIX ANDROID APP | Codechef API Hackathon Powered by Alibaba Cloud

Sep 2018- Oct 18

- Technologies used: Android Studio, Java, Php, firebase, Alibaba Cloud elastic computer (Ubuntu).
- Used Alibaba elastic computer service to cron Php scripts that sends notification to user using firebase service and to host website.
- User can easily explore and search various contest details and subscribe to get notification for that contest before one hour.

DISCUSSION FORUM | MMMUT Gorakhpur

Nov 2017- Dec 17

- Technologies used: Html, Css, Javascript, Php, Mysql
- Developed for discussion on computer science related topics.
- There is admin facility provided such that admin can add/remove/edit topics and users.
- User can see other user profiles and send message.

PLAY WITH GESTURE | MMMUT Gorakhpur

Jan 2019- Feb 19

- Technologies used: OpenCV, Tensorflow
- Control the commands on pc using hand gestures.
- It was a collaborative project where my work was to see hand area and create contours based on color.

Position of responsibility/ Extra-Curricular Activities

- Won 1st price in Game of Codes Chapter-1, organized by CES society MMMUT Gorakhpur
- Won 1st price in C-Quiz, organized by ECES society MMMUT Gorakhpur