

Ankit Kumar

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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, ALLAHABAD

M.TECH IN DATA ENGINEERING

Expected July 2022 | Prayagraj, U.P.

GPA: 9.13

AMRAPALI INSTITUTE OF TECHNOLOGY AND SCIENCES, HALDWANI

B.E. IN COMPUTER SCIENCE

Sep, 2018 | Haldwani, U.K

GPA: 7.32

WORK EXPERIENCE

TEACHING ASSISTANT

IIIT, ALLAHABAD

Sept 2020 - Present

- Took classes of Programming in C and Data Structures for B.Tech first year students.
- Prepared and evaluate class assignments of B.Tech students.
- Conducted various quiz and doubt clearing sessions.
- Organize various competition on Hacker rank.

WEB DEVELOPMENT

DUCAT, NOIDA

June 2016 - July 2016

- Develop various components from scratch for a website, created modules using javascript frontend side and Php and mysql on backend side.
- Worked on connecting backend code to front end, parsing data, creating layouts etc.

ORGANIZE EVENTS

AITs, HALDWANI

April 2018 - May 2020

- Organise inter college fests and various events on competitive programming.

VOLUNTEER EXPERIENCE

ORGANIZING MEMBER OF CODING MARATHON

March 2018 - April 2018

- Organise various competitive programming contest and workshops.

AWARDS

- 2016 Highest Score in Java (81/100) among 70 students
- 2017 Actively organized various college fests and events
- 2018 Organized Games like Csgo, chess tournament in teams
- 2020 Hacker rank and Code chef - Moderate level

SKILLS

TECHNICAL SKILLS

Proficient:

- Core Java • C • C++
- SQL • Data Structures • Algorithms • Operating System • Computer Networks

Intermediate:

- Javascript • Spring boot • Git • Linux • Shell script

PROJECTS

CAFE EATERY | WEB MODULE |

- Created an Website that let user see the nearby coffee shops and even lets us booking for events and shows the contact info. We use node.js to fetch and retrieve data from the user and javascript for website modules.

SNAKE GAME | USING C++ LIBRARIES|

- Created a Popular retro Snake game using Object oriented programming concepts and open source libraries.
- Technology Used - C++

BUILT A BLOCKCHAIN FROM SCRATCH | USING PYTHON |

- Implemented Blockchain and all its core functionalities like - Proof of Work, Conflict resolution and Transactions validation.
- Technology Used - Python, CSS, Flask.

IDENTIFICATION AND ESTIMATION OF CROP FIELDS USING IMAGE PIXELS.

- Implemented satellite imaging analysis of crop fields in Prayagraj District and all its main functionalities like crop estimation, classification of crop on Landstat 8 OLI
- Technology Used - Python and NDVI for vegetation

MINI PROJECTS

TWITTER SENTIMENT ANALYSIS

- Perform real time tweet analysis using Twitter developer API and perform different classification algorithm.