Amit Kumar

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EDUCATION

POSTGRADUATE
Indian Institute of Information Technology IIIT Allahabad
M.TECH in Software engineering
June 2022|| Prayagraj , UP INDIA
CGPA: 8.7

GRADUATION
Feroze Gandhi Institute of engineering technology
B.TECH in Computer Science and engineering
July 2019 || Raebareli,UP INDIA
Percentage: 70.46

INTERMEDIATE
MGM inter college
June 2014 || Lucknow UP,INDIA
Percentage: 79.80

SKILLS

PROGRAMMING
CPP • C • Java • Python • JavaScript

TOOLS AND TECHNOLOGY
Tensor-Flow, • Keras • React-JS

CORE SUBJECT
Data structure, and algorithms • Database system • Operating system • Computer network

DATABASE
SQL • MY-SQL • Fire-base

RELEVANT COURSEWORK
Deep learning • Software engineering

MACHINE LEARNING
Numpy • Pandas • Matplotlib • Sea born

ACHIEVEMENTS

• Gate qualified .
• physics topper in intermediate college .
• solved plentiful amount of problems on GeeksForGeeks ,leetcode, and InterviewBit.
• winners of various Intra and Inter-School Cricket tournaments (2010-2012).

EXPERIENCE

TEACHING ASSISTANT || IIITA prayagraj
2020 - 2022 || Allahabad, INDIA

• Teaching assistant of Database management system ,conducted viva and exam, guided the students for lab practicals.
• Exquisite in Data structure, and algorithms, Database management system, Computer networking, Oops concept.
• completed different online courses based on React-Js, Fire base, Deep learning, Data structure,and algorithms.

PROJECTS

IMAGE TO IMAGE TRANSLATION || Artificial intelligence
Jan 2021 – June 2021 | IIITA Prayagraj
• Used adversarial neural network (cycle GAN) for building a neural network which uses cycle GAN architecture using unpaired collections of images from two different domains.
• Skills: Tensor-flow, Keras, Numpy, Pandas, GAN
• verify @ GitHub Link

REAL TIME FACE EMOTION DETECTION || Computer vision
Jan 2021 – June 2021 | IIITA Prayagraj
• Used Keras API library for building a neural network model that could detect all emotions which are visible in Real-time Webcam.
• Used Kaggle website data set, using computer vision it can recognize your facial expressions,like angry, happy, sad, fear, surprise, neutral, disgust.
• Using approx 40 epochs accuracy up-to 74 percent.
• Skills: tensor- flow , Keras , Numpy, Pandas
• verify @ GitHub Link

SLACK CLONE USING REACT-JS || Web programming
Mar2022- June 2022|| IIITA Prayagraj
• Build a real-time chat application using react Redux and deploying that app using fire-base.
• Skills: JavaScript,React-JS,Fire-base,Redux
• This clone has features like channel list navigation , input box, message row, reaction list, private chat, enriched URL previews.

STUDENT RESULT MANAGEMENT USING FILE HANDLING ||Mini project || M.tech academic project || Guide: Dr. Abhishek Singh
Oct 2021 – Nov 2021 | IIITA Prayagraj
• The main purpose of this project is to implement different Object-oriented programming paradigm concepts.
• Used classes, objects, inheritance, Data abstraction, encapsulation, and file handling concepts.
• skills:C++ , File handling
• verify @ GitHub Link