Kumar Yashoratna

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WEB PORTFOLIO

SCHOLASTICS

Bachelor of Technology (B.Tech.), Computer Science and Engineering
- Year of Completion: 2021 (expected)
- University: AKTU, Lucknow
- Percentage : 84% (till IVth sem)

XII (Senior Secondary)
- Year of Completion: 2017
- CBSE Board (PMS Public School)
- Percentage : 86%

X (Secondary)
- Year of Completion: 2014
- CBSE Board (PMS Public School)
- Percentage : 10.0/10.0 (CGPA)

LINKS

LinkedIn:// @kyratna
Twitter:// @kyratnaTweet
GitHub:// @kyratna
WordPress:// @kyratna

SKILLS & TOOLS

- Over 5000 lines of code
- C++ • C
- Web-D (HTML, CSS, PHP)
- Data Structures and Algorithms
- Competitive Programming
- Over 2000 lines of code
- Java Language •ML with Python (NumPy, Pandas, MatPlotLib) •NLP
- OpenCV
- Over 1000 lines of code
- Android and iOS •MS-Office
- Familiar
- Xcode • Swift • Unity • Eclipse
- IntelliJ • Arduino/Uno
- AndroidStudio • Windows • Linux
- MacOS • Cloud Computing

REFERENCES

Mr. Dayanand Sharma
Ministry of Defence
+91 – 750 395 3506

Dr. Vineet Sharma
Head of Department, CSE, KIET
+91 – 981 113 9463
vineet.sharma@kiet.edu

Mr. Ankur Bhardwaj
Asst. Professor (DBMS), KIET
+91 – 989 965 4465
ankur.bhardwaj@kiet.edu

PURSUITS AND VENTURES

INTERNSHIPS

NITI AAYOG | IOS & Android Developer
Jul'18 – Jan'19 | Bangalore
- Among TOP 10 out of 5000 submissions
- Technology: Machine Learning, JAVA, Swift, XCode, Android Studio
- Problem statement : "Innovate to improve the condition of rural areas of India without introducing the new infrastructure."
- Recreated already existing Prime Minister Office (PMO) application

GeeksforGeeks | Educator & Content Writer
Apr'18 – Feb'19 | Online – work from home
- Topics: Stack & Queues (DS)
- Outcome was more of learning than work for me.
- Few new concepts and polished knowledge on Data Structures.
- Helped many students online by answering their doubts and queries.

PROJECTS

Autonomous Anomaly Detection By Drone | Software
Smart India Hackathon - 2019 | Team Members : 6 | Nov'18 – Mar'19
- 1st position out of 650 participants in our problem statement
- Technology: Python, ML, Arduino, Unity, C#
- Developed during the 72 hours of SIH'19
- Problem faced in fleet of drone like bird attack, bees swarm, thunder strike etc.
- Role: enhance the accuracy of sensors using OpenCV (Machine Learning)

K-DAM (Kerala Disaster Analysis and Management)
Kerala Disaster Hackathon – 2018 | Nov'18 – Dec'18
- Secured position in TOP 10 projects out of 250 projects
- Technology: HTML, PHP, CSS, JS
- Organised by State Government Of Kerala
- Portal Web Application accessed by 'who need help' or 'who want to help'
- Present in Innotech'19 (technical fest @KIET, Ghaziabad)

Prime Minister Office (PMO) Application
NITI Aayog Summer Project – 2018 | Jul'18 – Jan'19
- Technology: JAVA, Swift, XCode, Android Studio
- Proposed few changes in the already developed PMO Application by GovOfIndia
- Suggested changes implemented in the May'19 update of the application

PASSION AND DEXTERITIES

CO-CURRICULAR

KVPY Fellowship | Kishore Vaigyanik Protsahan Yojana, IISC Bangalore | Rank 56 AIR

Host in IEAW' 19 Conference, KIET
International Education Awareness Week Conference on Education in Foreign Countries

Poster Presentation in IEEE Conference, Delhi
Technical Poster on Machine Learning

Massive Open Online Courses (MOOC) accomplishments
NPTEL: Programming in Java and Python | UDEMY: Data Structures and Algorithms
COURSERA: IBM Data Science Specialization, Google Cloud Engineer (ACE) etc.

EXTRA-CURRICULAR

PR & Sponsorship Head, Team Leader
12 members in Public Relations and Sponsorship in RANN'19 (National Level Sports Fest of KIET) & lead team of 15 members of Stage Committee in FRESCOS'18.

Educator & Member of INNOGEEKS
Learner as well as Educator in INNOGEEKS (Technical Society of KIET).

Photography / Cinematography
- 200 copies sold for a Picture on 500px
- 1st prize in Epoque'18 (cultural fest) organised @KIET
- 1st prize in Your Story organised by E-Cell (Entrepreneur-ship club @KIET)
- 1st position in Story Teller organised @IIT, Ropar