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DEEPAK KUMAR

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EDUCATION

National Institute of Technology, Goa

Aug 2017 – May 2021

- **B.Tech in Computer Science and Engineering, CGPA: 6..93**
- **Courses:** Data Structures and Algorithm, Operating Systems, Object-Oriented Programming, Database and Management Systems.

WORK EXPERIENCE

Software Developer

Knowlarity - Cloud Communications

June 2021 – Present

- build a features in our product which is easy to navigate in main Page, added Authorization in the specified API
- build an API for new project in our product
- written a Unit Test case with coverage module.This is used to validate that each unit of the product performs as designed.
- build a Docker, Open Telemetry and Freeswitch module in our product.We use Open Telemetry, New Relic to observe and monitor our software application.We can see logs of audio, video using Freeswitch.
- build a features of billing related task in which we can track the billing related errors
- Tracked and fixed production bugs, re-factored the code within a day.
- monitor AWS Cloudwatch alert

LANGUAGES

- Python, Django, C++, C, HTML, CSS, MySQL
- Git, Linux, Windows

TECHNICAL EXPERIENCE

Academic Projects

- **Iris Application:** Developed on iris dataset based GUI and also uploaded data to the database system. we can get information about iris dataset in separate pop-up page.
- **Churn Dataset:** Developed a features where we find the details of customers in telecommunication field.
- **Encrypt-Decrypt application:** Developed a features where we send or receive in safe way using python language

CERTIFICATE

- **Machine Learning Certificate** Course Completion Certificate ‘
- Participation Certificate: Machine Learning, Ethical Hacking, Olympiad, Codathon(Inter NIT Coding Competition)
- Campus Ambassador internship at Kaizen, NSS IIT Delhi
- Co-ordinator Ceriticate in Saawyas (College Fest)
- Webinar Certificate of "Attacking and Defending web applications" issued By Goa College of Engineering