Anurag Mor

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EDUCATION

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES** Dehradun, INDIA

*B.Tech. (Hons.) in Computer Science (CGPA: 8.17/10) (Till 5th Sem)* w/ Specialization in DevOps July 2018 - Present **Coursework:** Git, Shell Scripting, Build and Release, Operating Systems, Advanced Database Management, Design and Analysis of Algorithms, Computer Networks, Objected Oriented Programming, Computer Graphics, Agile Practices, Formal Language and Automation, Compilers.

**Govt. Senior Secondary School** Sonipat, India

*Medical + Non-Medical + Computer Science (Percentage: 91.2)* April 2016 - March 2017

# EXPERIENCE

**University of Petroleum and Energy Studies** Dehradun

*Discipline Committee Member* August 2019 - Present

This committee helps me to gain leadership skill which is my key tool.

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I managed lots of events some are technical while others are non-technical events which helped me improve my management and public speaking skill.

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**UPES-OPEN** Dehradun, India

*Data Administrator* July 2020 - Present

Leading a team of 3 budding technical data admin and mentoring them, conducting **technical workshops** on languages Open-Source tools like **Docker, Kubernetes, Git to spread awareness the benefits of DevOps**.

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* We also use SQL and Mango DB to prepare data of participants and the confidential data of company associated with us.

# PROJECTS

**Automated Cryptographic File Transfer** JULY 2020 – December-2020

The application causes a client to associate with somebody and send and get encrypted messages forward and backward.

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This application assists with changing over a file in plain content to a file in the encoded text which must be gotten to by the beneficiary who has the symmetric key to the file.

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**Log Reader** JULY 2020 - AUGUST 2020

Developed two tools, (a) Code Analyzer (browser) and (b) Log Reader. The browser would be a tool that would help.

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the user track control flow between java classes via method calls.

* Used language are Java and framework Servlet.

**Multiple Routing Configurations for Fast IP Network Recovery** July 2020 - September 2020

* Used **Java and SWING** to create an application for multiple routing recovery of IPs.
* Features like client, server, data model and IP range admin. Used **Eclipse EE and MySQL**

**Agri buzz** January 2020 – February 2020

* The developed system will run under any platform (Unix, Linux, Mac, Windows etc.) that contains a

web browser which supports PHP, JavaScript, Html, CSS. Internet connectivity is required to send mails. The user who is

accessing the system should be authorized.

* Tool Used: - Apache Tomcat 8.0, Visual Studio, MySQL, Git

**Child Details** May 2020 – May 2020

* It was developed in java with help of servlet during pandemic to take care of baby’s new-born. A software product which provides solution for baby health, baby food, baby tips, baby products, baby names, parenting etc. Here, user can view baby names, baby names by religion, baby tips, baby food and baby product. Admin can add and delete baby names.
* Tools Used: - Eclipse, Apache Tomcat 8.0, MySQL.

**Image Steganography – Analysis and Techniques** January 2021- Present

* Focused on least significant bit modification techniques of spatial domain which includes analysis of image using inversion and different color maps, grayscale analysis of image, altering threshold of image (Histogram), providing metadata about the image, chunks analysis of .PNG images, extraction of appended Data (.PNG and .BMP files). We have analyzed and compared the variants of this algorithm in terms of effectiveness and hiding capacity. Effectiveness of the algorithm is measured by user evaluations determining at which point alteration to the images became apparent.
* The Project is made in java language using NetBeans.

**Your Buddy-Pet** January 2021- Present

* To make a website for the pet lover and can adopt a pet world-wide it includes the species name, origin, date of birth and other specification. After making it will be released on Cloud and language used is HTML5 and CCS3

# SKILLS

* **Programming Languages:** C/C++, Java, SQL, HTML5, CSS3, Python (Beginner), Shell Scripting (Intermediate)
* **Technologies:** Git, Linux (Ubuntu), Maven, Jenkins, Docker (Intermediate), Visual Studio, Eclipse, SonarQube, Nexus, Vagrant, Terraform.
* **Frameworks** Servlets, JSP API
* **Databases:** MySQL, Mango DB
* **Cloud:** - GCP (intermediate), Azure (intermediate)

# ACHIEVEMENTS

**All India Rank-24** in Coderulon Hackathon by IIT, Roorkee – (Solved 4 questions based on **Data Structures** and Algorithms in 6-hour Coding Hackathon)

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MLH Hack Jaipur Hackathon **(Finalist - Top 15)** – (Developed a **Multiple Routing Configurations for Fast  
IP Network Recovery system**)

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UPES-CSI Hackathon **(Semiﬁnalist - Top 30)** – (Developed a web-application "Agri Buzz" to create direct contact between farmers and consumers and eliminating the middlemen to facilitate farmers)

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In Merit list of D2C OHF Season 2 Secured 72nd rank among 6701 participants.

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**All India Rank-56** out of 6000 participants in Code Clash Hackathon by NIT, Manipur – (Solved 3/4 DSA questions based on in 2-hour Hackathon Festival)

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* **Microsoft Azure Fundamentals Certified.**
* Completed the 30 days of cloud where completed both tracks AI ML and Cloud.
* All India Rank -72 in Hackathon festival named OHF Season 2 hosted by prestigious university of India on platform D2C.
* Completed Edx CS50 Introduction to computer Science with live project.
* Completed 9 Coursera certificate related to my domain in DevOps.
* Completed Docker training under Vimal Daga IIc-Rise.