

BHOOMIKA CHAUDHARY

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EXPERIENCE

Software Engineering Internship'23

Abhyaz

01/2023 - Present

- Used Zoho Catalyst to work on projects that were cloud-based.
- Designed software in collaboration with other members for the creation of the Abhyaz Platform.

Content Writing Internship'22

Nogozo Private Limited

06/2022 - 07/2022

- Created study materials for the 6-12th grade students and provide review over various CBSE books.
- Updated and edited 50 articles/blogs for the company's website about motivational tips for 10th and 12th grade students, the importance of education, and health.

Summer Internship'21

The Tap' Foundation

06/2021 - 07/2021

- Collaborated with a multidisciplinary team, employing a variety of strategies, approaches, and techniques to help children manage their physical, environmental, and psycho-social health issues.

PROJECTS

Human Activity Recognition using Smartwatch Data Analysis | *Numpy, Pandas*

[GitHub](#)

- HAR identifies specific action of a person based on sensor data. Actions are the activities performed indoors, such as walking, standing, and sitting and the sensor data remotely recorded using video, radar, or wireless methods.
- Human activity can be recognized based on the dataset (available online & manually) and classify them on basis of comparison with the data and performed analysis using the Line Graph & Pie Chart. Based on this classification, suggestions are shared with the user to improve the lifestyle for better health.

Shortest path Finder for Airways | *Java, Jswing*

[GitHub](#)

- Determines the shortest path of flights using Dijkstra's algorithm which will save Time and Cost for the customer. Used for the organization of Flights.
- A GUI based small application that resolves the issue airlines face is moving people and commercial goods between large cities in a shorter amount of time and at a cheaper cost.

Image Detection using AWS Services | *S3 Buckets, AWS Lambda, AWS Rekognition*

[GitHub](#)

- This demonstrates an understanding of cloud applications and software development on the AWS cloud platform.
- Created a model using Amazon Web Services which detects objects from an Image. It also provides the percentage accuracy of the object.

EDUCATION

B.Tech (Hons.) CSE with [8.85*/10]

UPES, DEHRADUN

08/2020 - 06/2024

~ Major in Cloud Computing & Virtualization Technology & Minor in DevOps

CGPA:8.85*(Till end of 5th sem)

~ Clubs: Associate Design Head(UPES Hypervision), Core Member(UPES-CSA, UHackathon 3.0 & ProjectExpo'22.

~ Received Excellence Award'21 for Exemplary performance in academic year 2020-21 and earning place in Dean's List.

Secondary Education

Pratap Public School, Karnal, Haryana

04/2019 - 03/2020

Degree/Qualification: XII CBSE

Percentage:94.6%

Degree/Qualification: X CBSE

Percentage:92.8%

~ Awarded with District Child Scientist Award'19 by Govt. of India for doing a research project on Home-made Compost.

SKILLS

Java, C, SQL, HTML, Amazon Web Services, Microsoft Azure, Salesforce Cloud, Google Cloud Platform, GitHub, Docker
Soft Skills: Teamwork, Strategic Communication, Adaptability, Leadership, Time Management

OTHERS

Data science for Engineers (NPTEL) | Ultimate Milestone in Google Cloud Ready Facilitator Program'22 | Cloud Computing Basics (Cloud 101) (LearnQuest) | Google Cloud Digital Leader Training(Coursera) | Architecting with Google Kubernetes Engine(Coursera) | Preparing for Google Cloud Certification – Cloud Engineer(Coursera) | Learn to Earn Cloud Data & Cloud Security Challenge'22 | AWS Academy Graduate- Cloud Foundations, Introduction to cloud: Semester 1 & Semester 2, Cloud Developing