

PROFILE

Self-starter and go-getter Computer Science student with a strong foundation in computer science principles, programming languages, and software development. Eager to contribute to innovative projects, excel in technology, and adapt to new technologies. Committed to continuous learning and seeking opportunities to apply skills in a dynamic organization.

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. (CSE)	Kalinga Institute of Industrial Technology, Bhubaneswar	9.55 (Current)	2020-24
Class XII	Bethel Academy, Praygaraj (CBSE Board)	78.4%	2020
Class X	Kendriya Vidyalaya, Prayagraj (CBSE Board)	94.4%	2018

EXPERIENCE / TRAININGS

- Celebal Technologies, Jaipur

Data Science Intern

Jun 2023 - Aug 2023

Remote | [Certificate](#)

– Led customer segmentation using advanced clustering for demographic, behavioral, and purchase insights.

– Received silver badge and accolades from senior project manager for expertly applying clustering algorithms.

Cloud Counselage Pvt. Ltd., Mumbai

Artificial Intelligence Intern

Jul 2023 - Sep 2023

Remote | [Certificate](#)

– Contributed to chatbot development, integrating text, speech inputs, and social media for instant support.

– Created & Enhanced chatbot with Python, Flask, and OpenAI for improved accuracy and efficiency.

The Sparks Foundation, Singapore

Web Development Intern

May 2023 - Jun 2023

Remote | [Certificate](#) | [LOR](#)

– Developed several practical web applications by leveraging HTML, CSS, JavaScript & PHP.

– Exhibited meticulousness in following web design best practices, encompassing accessibility and SEO optimization.

CodeClause, Pune

Web Development Intern

Jun 2023 - Jul 2023

Remote | [Certificate](#)

– Created multiple functional web applications utilizing HTML, CSS & JavaScript.

– Teamed with designers for responsive design, ensuring smooth cross-device user experience.

Oasis Infobyte, New Delhi

Web Development and Designing Intern

Jun 2023

Remote | [Certificate](#)

– Developed various utility web app using HTML, CSS & JavaScript.

– Performed QA testing, resolving bugs to uphold websites’ performance and functionality standards.

EduSkills Foundation (AICTE), New Delhi

Data Analyst Intern

May 2023 - Jul 2023

Remote | [Certificate](#)

– Learned and implemented various data analytics services offered by the AWS like RedShift, EMR, QuickSight, etc.

– Implemented using AWS services including EC2, S3, RDS, Lambda, CloudFormation, IAM, and CloudWatch.

MathWorks, Bengaluru

MATLAB Artificial Intelligence Intern

May 2023 - Sep 2023

Remote | [Certificate](#)

– Acquired proficiency in MATLAB, mastering its diverse features and capabilities.

– Utilized MATLAB effectively across various applications, including image & signal processing, ML and DL.

EduSkills Foundation (AICTE), New Delhi

Artificial Intelligence-Machine Learning Intern

Sep 2023 - Nov 2023

Remote | [Certificate](#)

– Acquired and applied a range of AWS machine learning services, including SageMaker, Forecast, Rekognition, etc.

– Utilized AWS resources, like EC2, S3, RDS, Lambda, CloudFormation, IAM, and CloudWatch for implementation.

Amazon, India

Machine Learning (ML) Summer School 2023 Trainee

Sep 2023 - Oct 2023

Remote | [Letter](#)

– Acquired ML knowledge on topics like Deep Neural Networks, Supervised Learning, PGM, Casual Inference, etc.

– Gained practical insights on applying these ML concepts to real-world scenarios from Amazon’s ML Scientists.

PROJECTS

- Real-Time Smart Facial Emotion Detection using EmoAnalyzer Model (Research)

Tech Stack: Python, NumPy, Pandas, Matplotlib, Keras, OpenCV

Jan 2023 - Apr 2023

[Github](#) | [Paper](#)

– Proposed a new facial emotion recognition model name ‘EmoAnalyzer’ which takes less computation cost.
- Speech & Text Driven Generative AI Chatbot

Tech Stack: Python, Flask, OpenAI, ChimeraGPT API, HTML, CSS, JavaScript, GCP

Aug 2023

[Github](#) | [Website](#)

– Created an innovative and dynamic AI Chatbot with speech recognition and natural language generation.
- Machine Learning-Based Predictive Modeling for 4G LTE Traffic Prediction (Research)

Tech Stack: Python, NumPy, Pandas, Scikit-learn, SciPy, Matplotlib, Seaborn

Aug 2023 - Sep 2023

[Github](#) | [Paper](#)

– Implemented various ML techniques (SVM, Bagging, Tweedie Regressor, etc.) to forecast 4G LTE network traffic.
- Enhancing Real-time Network Traffic Scenario Prediction with GRU-based RNN (Research)

Tech Stack: Python, NumPy, Pandas, Scikit-learn, PyTorch, Keras

Sep 2023 - Oct 2023

[Github](#) | [Paper](#)

– Proposed a novel GRU-based RNN architecture for network traffic scenario prediction, achieving 75% accuracy.
- SteerNet: A ML Algorithm for Real-Time Self-driving Steering Control (Research)

Tech Stack: Python, NumPy, Matplotlib, Scikit-learn, SciPy, Keras, OpenCV

Aug 2023 - Present

[Github](#)

– Developing a new Self-driving steering control model name ‘SteerNet’ which offers improved accuracy.

