

AKASH KUMAR GUPTA

Mobile: +91 9304138792

Email ID: work.akashgupta2001@gmail.com

Linkedin: [Akash-Gupta](#)

EDUCATION

B.Tech in Computer Science and Engineering

Kalinga Institute of Industrial Technology, Bhubaneswar, Odisha

Sep 2020 - Sep 2024

CGPA : 8.14 / 10

Class XII (CBSE)

Chauhan Public School, Bhagalpur, Bihar

Mar 2020

Class X (ICSE)

Mount Assisi School, Bhagalpur, Bihar

Mar 2018

Percentage : 79%

Percentage : 83%

EXPERIENCE

Participant Oracle Cloud Infrastructure (OCI) 2025

ORACLE

Jul 2025 - Oct 2025

Remote

Completed Oracle's full certification track:

- OCI AI Foundations Associate
- OCI Data Science Professional
- Gained hands-on exposure to cloud-based AI/ML deployment, data pipelines, and vector database search using Oracle Cloud Infrastructure.
- Built and optimized ML workflows using Python, OCI Data Science, and Generative AI APIs, improving efficiency in AI-driven automation.

Trainee Decision Scientist

Oct 2024 - Feb 2025

MU-SIGMA Business Solutions Pvt Ltd.

Bangalore, In

- Conducted comprehensive exploratory data analysis (EDA) on large datasets to uncover trends, outliers, and business-critical insights, directly supporting data-driven decision-making.
- Cleaned, transformed, and modeled data using Python, SQL, and machine learning techniques (e.g., regression, classification) to deliver predictive solutions that enhanced client operations and reduced errors.
- Designed and presented dynamic dashboards and visualizations using Tableau, Matplotlib, and Seaborn, effectively translating complex analytical findings into clear, actionable insights for non-technical stakeholders.

Cybersecurity Summer Intern

May 2023 - July 2023

Palo-Alto Networks supported by AICTE NEAT

Remote

- Developed practical expertise in cybersecurity by working with real-world tools and simulations, focusing on network security, threat detection, and mitigation of attacks like DDoS, phishing, and malware.
- Proficient in using SIEM tools to monitor, analyze, and respond to security incidents, including log analysis and alert management to proactively identify and prevent potential threats.

PROJECTS

Predictive Price Modeling

Oct 2024 - Feb 2025

- Performed EDA using Python (Pandas, Seaborn, Matplotlib) to identify influential features and provide data-driven insights into price drivers such as brand, year, fuel type, transmission, and mileage.
- Trained and optimized regression models (e.g., Linear Regression, Random Forest) to predict car prices, significantly improving the accuracy and consistency of valuations over the client's manual process.
- Developed a responsive web application using HTML, CSS, and JavaScript to display dataset insights and enable users to input car details and receive real-time price predictions from the ML model.

CERTIFICATES / ACHIEVEMENTS

- Oracle Cloud Infrastructure 2025 Certified:
 - OCI AI Foundations Associate
 - OCI Data Science Professional
- Completed Cyber Simulation Training - DELOITTE Australia
- J.P MORGAN CHASE & CO. Software Engineering job simulation - Forage
- GOLDMAN SACHS Software Engineering Experience - Forage
- Hacktoberfest 2022/2023 Contribution: Contributed to open source by submitting 8+ pull requests accepted on GitHub

SKILLS

- Programming Languages: C, C++, Java, Python, SQL
- Tools: Oracle, AWS, Tableau, Power BI, PyTorch, Scikit Learn
- Technical Expertise: Data Science, Machine Learning, Deep Learning, Cybersecurity, Cloud, Generative AI.