

SHIVANSH KUNWAR

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EDUCATION

B.Tech in Computer Science and Engineering , Kalinga Institute of Industrial Technology	2024
CGPA: 8.76/10 Relevant Coursework: AI, ML, Big Data, Data Analytics, DSA	
12th , ST. FIDELIS SCHOOL,	2019
Percentage - 74.2	
10th , ST. FIDELIS SCHOOL	2017
Percentage - 78	

SKILLS

Programming Languages	Python, C, C++, SQL
Machine Learning	Regression, Classification, Clustering, Neural Networks, PowerBi, Matlab
Data Science	Data Analysis, Data Visualization, Statistical Analysis, Data Mining
Soft Skills	Problem-solving, Critical Thinking, Teamwork, Collaboration, Communication

WORK EXPERIENCE

Software Engineering Intern	May 2023 - July 2023
HighRadius (P) Ltd.	Bhubaneswar, Odisha

- Created data and machine learning models to enhance system performance, using pandas, numpy, and seaborn for data manipulation and visualization.
- Implemented predictive analytics with algorithms like Linear Regression, AdaBoost, XGBoost, and LightGBM.
- Managed back-end development with Python for data processing and model integration.
- Designed a user-friendly interface using React and MUI libraries, focusing on intuitive and visually appealing design.

Graduate Trainee	Jan 2024 - Present
Revature (P) Ltd.	

- Underwent intensive full-stack development training in Java, SQL, Javalin, Git, and Spring.
- Gained hands-on experience in building RESTful APIs and backend services using Spring Boot and Javalin.
- Developed and optimized database queries using SQL for efficient data management.
- Collaborated with peers in a hybrid training model, engaging in discussions and problem-solving.
- Utilized Git for version control and collaborative software development.

PROJECTS

Automated Attendance System Developed and implemented an automated attendance system using **facial recognition technology, OpenCV and Python** to capture and analyze real-time video feeds. The system employed advanced face recognition algorithms to accurately identify and verify students, automating the attendance process. This project enhanced accuracy, significantly reduced manual errors, and saved time.

Profit Forecasting in the Poultry Industry Developed a predictive model using machine learning techniques to forecast profits for poultry farmers based on factors like date, chick price, chicken price, feed price, and operational costs. Analyzed historical data and utilized algorithms such as **LightGBM, XGBoost, Random Forest, and Linear Regression** to identify optimal sales timeframes and maximize profitability. Leveraged tools like **NumPy** for data manipulation, providing actionable insights to enhance decision-making processes and resource management in the poultry industry.

CERTIFICATION

- **Microsoft azure** - by Microsoft.
- **Python, SQL, PROBLEM SOLVING** - by HackerRank.
- **Machine Learning** - by Udemy.
- **AWS Academy Graduate - AWS Academy Introduction to Cloud Semester 1** - by AWS.
- **AWS Academy Graduate - AWS Academy Cloud Foundations** - by AWS.
- **AWS Academy Graduate - AWS Academy Data Analytics** - by AWS.
- **Data Analytics Virtual Internship** - AICTE.
- **Neural Networks and Deep Learning** - by COURSERA (97 percent)
- **CyberOps Associate** - by Cisco networking academy

ACHIEVEMENTS

- Leetcode - 315+ Problem solving.
- Part of cultural team ,organising fest-College