Shikhar Verma

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EDUCATION

G.L. Bajaj Institute Of Technology and Management **2021 – 2025**
Btech (Information technology)- ***CGPA - 7.80*** *Greater Noida, India*

EXPERIENCE

Cognizant : Programmer Analyst Trainee **FEB 2025 - Present**

- Gained hands-on experience with cloud infrastructure setup using AWS services including EC2, Route 53, S3, IAM, load balancer, CloudWatch, .
- managed Infrastructure as Code (IaC) using Terraform basic codes to automate resource provisioning across environments. Having some experience of python scripting
- Basic understanding ofDevOps tools such as Docker and Kubernetes for containerization and orchestration of microservices.

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- OOPS Concept
- Web Development
- DBMS

PROJECTS

DEV - DETECTIVE | web development , API

∗ Developed a dynamic website for locating GitHub profiles using **HTML, CSS, and JavaScript**. The site enables users to input a **GitHub username** and retrieves detailed profile information, including repositories, followers, and starred projects. Employed JavaScript for API integration and data handling, and utilized responsive design principles to ensure accessibility across various devices.

∗ Implemented dynamic features, enhancing user experience and achieving a 40% increase in user interaction and a 20% improvement in load times.

Diabetese Pridiction model | Machine Learning , Data Analytics

- Developed a diabetes prediction model using logistic regression with an accuracy of 72%. Employed Python, numpy, and pandas for data preprocessing and analysis, and used scikit-learn for model implementation. Optimized the model to improve prediction accuracy, aiding in early detection of diabetes for timely medical intervention.

Heart Disease detection machine | Machine Learning , Data Analytics

- Developed a heart disease detection system in Python using logistic regression with scikit-learn, achieving an 82% accuracy rate. Prepared and analyzed data with pandas and numpy, enhancing predictive capabilities for timely medical consultations.
- Incorporated advanced machine learning techniques in a heart disease detection project, leveraging logistic regression to improve consumer health outcomes with a validated 82% accuracy rate. Utilized pandas and numpy for efficient data management and analysis.

TECHNICAL SKILLS

Languages: Python, C, C++, JavaScript, SQL, XML, oracle

Developer Tools: VS Code, DEV c++ , figma , canva , colab

Technologies/Frameworks: GitHub, ReactJS, Git, Tailwind , Machine Learning

ACHIEVEMENTS

- Winner of neuro nest Hackathon (certificate)
- Contest Rank 1100 in coding contest @leetcode
- leetcode Contest rating max(1722)
- Codechef contest DIV3 rating max(1439)
- Codingninjas Contest rating max (2010)
- 800+ question @LeetCode