ARYA GUPTA

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EDUCATION

Birla Institute of Technology, Mesra	Nov.2022 – present
B.Tech - Artificial Intelligence and Machine Learning - **CGPA -** *7.8*	*Ranchi, India*
Central Academy Sr. Sec. School, Ambabari	2020-2021
Senior Secondary - **Percentage -** *91%*	*Jaipur , India*

TECHNICAL SKILLS

- **Programming Languages:** C,C++,JavaScript
- **Development and Frameworks:** NodeJS, ExpressJS, ReactJS,Redux, Context API, Material UI, MongoDB, Tailwind CSS,MySQL
- **Libraries and Tools:** Git/Github, Unix Shell, VS Code, Vite
- **Currently Learning:** Angular JS, Machine Learning

COURSEWORK

- **Courses:** Object-Oriented Programming,Data Structures & Algorithms, Problem-solving, Digital System Design, Computer Architectures,DataBase Management System, Operating System,Mathematics for Data Science, Probability & Statistics

PROJECTS

Portfolio Website ↗ | React.js, CSS, GitHub, AnchorLink, react-simple-typewriter, react-router-dom   2024

- Created a visually appealing portfolio website through the implementation of React.js, integrating advanced coding techniques that enhanced page load time by reducing latency from eight seconds to just two seconds for users.
- Integrated smooth scrolling and typewriter effects with AnchorLink and react-simple-typewriter, enhancing the user experience and making the content engaging.
- Leveraged GitHub for version control to efficiently manage code changes, track progress, and collaborate, ensuring the project remained up-to-date and error-free

Fitness App ↗ | React.js, Tailwind CSS, Node.js, Express.js, MongoDB   2024

- Developed an interactive fitness application with a horizontal scrolling menu, enabling users to navigate through exercises and body parts effortlessly.
- Utilized MongoDB for efficient data storage and retrieval, significantly enhancing the app's performance and reducing downtime by 80%.
- Integrated responsive design with Tailwind CSS, providing an optimal viewing experience across various devices.

Credit Card Fraud Detection System ↗ | Python, Scikit-learn, TensorFlow, Pandas, Matplotlib   2024

- Developed a robust credit card fraud detection system leveraging machine learning techniques and data preprocessing methodologies.
- Implemented data preprocessing techniques including feature standardization and addressed class imbalance using SMOTE to enhance model performance..
- Conducted extensive Exploratory Data Analysis (EDA) to gain insights into data distributions and identify critical patterns indicative of fraudulent transactions.
- Achieved outstanding results with a high ROC-AUC score of 0.93 using Logistic Regression, validating the effectiveness of the implemented models.

CODING PLATFORMS

- Solved **300+** Problems on **Leetcode** and achieved a **1600+** rating. ↗
- Codeforces Rating **1300+** ↗