GAURI BHARDWAJ

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Graduation Year	Course	College/University	CGPA/Marks%
2025	Master of Computer Applications	IGDTU for Women, Delhi	9.25
2023	B.Sc. Computer Science (Hons.)	IPCW, University of Delhi	9.09
2020	AISSCE XII	Greenway Modern School	95.25%

WORK EXPERIENCE

- **Infosys Springboard:** *Data Science Project Intern* | Link ↗ [May '24 - July '24]
  - Utilized data analysis and machine learning algorithms in Python to **predict customer churn**, achieving **82% accuracy**
  - Conducted data preprocessing and **hyperparameter tuning** on a real-time dataset to identify key churn drivers
  - **Skills:** Python, Scikit-Learn, Decision Tree, Random Forest, Logistic Regression, Predictive Modeling and Evaluation
- **The Sparks Foundation:** *Web Development and Designing Intern* [Jan '24-Feb '24]
  - Developed a simple **Banking System** where users can view customers details and **transfer money** to each other
  - Ensured optimal **user experience** by developing **responsive** websites for assigned ideas
  - **Skills:** ReactJS, Tailwind CSS, Bootstrap, Responsive Web Design, Front-End Development

PROJECTS

- **CPU Scheduling Algortihms** | Operating Systems   Link ↗
  - Implemented **7 CPU scheduling algorithms** in **C++** to enhance understanding of system performance optimization
  - Algorithms Covered: First Come First Serve (FCFS), Round Robin (RR), Shortest Process Next (SPN), Shortest Remaining Time (SRT), Highest Response Ratio Next (HRRN), Feedback (FB), and Aging
- **BigInt C++ Library** | Data Structures and Algorithms   Link ↗
  - Implemented a header-only library for **arbitrary-precision integer arithmetic** using **C++**
  - Utilized advanced data structures and algorithms to enable arithmetic operations on integers of **unlimited size**
- **Taarangana '24** | HTML, CSS, JavaScript   Link ↗
  - Designed and developed the **Gallery page** for university's cultural fest website, enabling access for **1000+ students**
  - Implemented features such as **infinite autoscroll** and **animations** to enhance engagement and visibility

POSITIONS OF RESPONSIBILITY

- **Head of Management** | *Training and Placement Cell - IGDTUW* [Aug '22 - Present]
  - Coordinated with heads and **managed the class database**, ensuring accuracy and **credibility** during placement season
  - Demonstrated **leadership**, time management, and **conflict resolution** skills to build **trust** and efficiency within the team
- **Senior Associate** | *Web Development Team - Taarangana, IGDTUW* [Sep '23 - Present]
  - Contributed in development of a **QR-based ticket generation system**, enhancing event management efficiency
  - **Mentored** junior developers, providing guidance and support during task execution

SKILLS & INTERESTS

- **Programming Languages**: C++, Python, Java, HTML, CSS, JavaScript, SQL, MATLAB
- **Tools and Technologies**: ReactJS, Tailwind CSS, Bootstrap, Node.js, Express.js, MS Power BI, LaTeX , Scilab
- **Relevant Courses**: Data Structures and Algorithms, Machine Learning, Computer Networks, Operating Systems, Database Management System, Data Mining, OOPs using Java
- **Interests**: Problem-Solving, Street Photography, Cinema, Music

ACHIEVEMENTS & CONTRIBUTIONS

- **Scholastic** : 1) Secured **All India Rank 47** (GE) in MCA-CET 2023
  2) Selected as one of the **Top 10** students in a 100-hour Data Analysis training program specializing in **Microsoft Power BI**
  3) Delivered research paper presentations on '**Digital Image Processing**' and '**Big Data Analytics**'
  4) Awarded for achieving a perfect score of **100/100** in Mathematics (AISSCE X)
- **Competitions/ Events**:
  Exhibited, National Gallery of Modern Art (2023) | **Third**, Poetry Writing (2022) | **Second**, Photography Contest (2021) | **Winner**, Basketball Zonal Competition (2019)
- **Community Service**: 1) Verified and provided leads of **Covid Resources** during the second wave to **1000+** people
  2) Coordinated the **recording of educational materials** for visually impaired students at Visionaries
  3) Mentored underprivileged children under '**Desh Ke Mentor**' program by Govt. of India