Shruti Gupta

2nd Year Postgraduate
Masters of Computer Application
National Institute of Technology, Raipur

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ACADEMIC QUALIFICATIONS

Year	Degree/Certificate	Institute	CPI/%
2023-Present	Master of Computer Application	National Institute of Technology, Raipur	8.0/10.0
2020-2023	Bachelor of Computer Application	Lucknow University	81%
2020	ISC (XII)	City Montessori School, Lucknow, Uttar Pradesh	83%
2018	ICSE (X)	City Montessori School, Lucknow, Uttar Pradesh	81%

SCHOLASTIC ACHIEVEMENTS

- Secured **All India Rank 600** in **NIT MCA Common Entrance Test (NIMCET) 2023** amongst 25,000 candidates
- Secured **All India Rank 405** in **Vellore Institute of Technology Master's Entrance Examination (VITMEE) 2023**
- Secured **98.1 percentile** in **Maharashtra Common Entrance Test (MAH-CET) 2023** amongst 3,03,048 candidates
- Secured a score of **201** in **Common University Entrance Test (CUET) 2023** out of maxiumum marks 400
- Won the **Third prize** in GEO-FEST International organised by **City Montessori School 2019**, **74** schools and colleges from India

INTERNSHIP EXPERIENCE

InternPe | *Java Programming*

- Programming Proficiency: Regularly practice coding challenges to solidify understanding and improve problem-solving abilities.
- Study Java's core concepts & syntax. Participate in workshops to deepen your knowledge and stay updated with new advancements.
- Develop time management skills & prioritize tasks. Setting milestones & adhere to a schedule ensuring timely completion of projects.

KEY PROJECTS

React-based Blog Platform with Appwrite Backend | *Self Project* ⏺

- **Dynamic Full-Stack Creation:** Engineered an immersive React-driven web application empowered by Appwrite backend, fostering secure user engagement through seamless account creation and login experiences.
- **Effortless Form Mastery with React Hook Form:** Elevated user interaction with finely tuned forms using React Hook Form, ensuring efficient input management and validation for an intuitive signup and login process.
- **Captivating Visual Narratives with TinyMCE:** Revolutionized user storytelling by seamlessly integrating TinyMCE, offering an enchanting space for crafting and refining photo captions, enhancing the overall richness of visual content.
- **Redux Toolkit Mastery for State Brilliance:** Orchestrated a polished user experience with Redux Toolkit, a sophisticated state management solution. This empowered streamlined global state control, particularly crucial for managing dynamic content like images and ensuring optimal application performance.
- **Optimized for Performance with Vite:** Employed Vite to accelerate the development workflow with hot module replacement (HMR), ensuring real-time updates during development and a smooth, rapid build process for production.

E-Health Management System in Java | *Self Project* ⏺

- **Developed a Comprehensive E-Health Platform:** Designed and implemented a user-friendly E-Health Management System, integrating patient registration, appointment scheduling, and real-time doctor-patient communication features.
- **Integrated Appointment Scheduling System:** Wrote code to allow patients to book, view, and manage appointments, ensuring seamless coordination between doctors and patients.
- **Enabled Secure User Authentication:** Incorporated user authentication mechanisms to differentiate patient and doctor roles, ensuring secure access and data protection within the system.
- **Developed Patient Health Record Storage:** Ensured efficient storage and retrieval of patient health records, supporting long-term medical data management.
- **Automated System Interactions:** Programmed dynamic responses to user actions, such as appointment confirmation and role-based data viewing, improving system interactivity.

Tic Tac Toe | *Self Project*

Objective	- Use a 2D array to represent the game board, managing the player movement and tracking game state accurately. - Develop the core game mechanics in all possible cases, including turn-taking checking for win conditions and draws.
Learning Outcomes	- Focus on optimizing code for efficiency by reducing unnecessary computations, minimizing memory usage, and improving the overall performance of the game logic through thoughtful coding practices and optimization techniques - Enhancing User Interaction Skills: Gain proficiency in capturing user input and providing responsive feedback through the console, creating a seamless,interactive gaming experience that can be applied to other user-centric applications.

TECHNICAL SKILLS

- **Programming Languages:** C, Java, HTML, TailwindCSS, LaTeX, Python, JavaScript.
- **Software and Libraries:** ReactJs, NextJs, Node.js, AWS.

SOFT SKILLS

- **Positive Attitude:** Maintaining a positive outlook
- **Communication Skills:** Clear and effective verbal and written communication.
- **Adaptability:** Ability to adjust to new conditions and challenges.

EXTRACURRICULARS

- Won the **Third prize** in MANDALA Art Competition.
- Diploma in **Universal Concept of Mental Arithmetic System (UCMAS)**, 2016.
- Awarded with the title **Well Groomed** at City Montessori School in 2015.