Shraddha Rastogi

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Skills

Languages: Java, JavaScript, and SQL

Web Technologies, Database: HTML, CSS, React.js, Node.js, PostgreSQL

Designing and Testing Tools: Figma, PostMan

Version Control, Build Tools, and Package Manager: GitHub, Babel, and NPM.

Work Experience

Protecons Pvt Ltd, Bareilly (*Trainee in CSR training Program)*   Feb 2024 - May 2024

- **Enhanced technical and professional skills** by mastering advanced JavaScript, React.js, Node.js, PostgreSQL, UI Design, and Figma through a rigorous CSR training program in full stack and API development, enhancing development efficiency by 40% and reducing project completion time by 25%
- **Gained hands-on experience in real-life projects** by learning test-driven development (25% improved code reliability), manual testing (30% fewer bugs), UI design (20% higher user satisfaction), database management (35% faster data retrieval), and web services (40% better API performance), enhancing project delivery by 30% using applied market research skills to enhance project outcomes
- **Boosted full-stack development skills** by collaborating with experienced professionals, gaining expertise in software and product security, scalability, documentation design patterns, agile methodologies, and testing techniques, and mastered data collation, cleansing, analysis, and visualization techniques.
- **Refined SQL database design and query skills** through web services and database management projects, leading to 40% more efficient data handling and retrieval. Developed strong problem-solving skills and the ability to deliver high-quality data on time.

Education

University/School	Examination	Board	Duration	Degree/Stream	CGPA/%
Shri Ram Murti Smarak College of Engineering and Technology, Bareilly	Graduation	AKTU	Nov 2020 - Jun 2024	B.Tech (CS)	**8.5**
St. Maria Goretti Inter College, Bareilly	Class XII	I.S.C	Mar 2019- Mar 2020	Science	**92%**
	Class X	I.C.S.E	Mar 2017- Mar 2018	Common to all	**91%**

Project Work

Quiz Engine -

- **Interactive Quiz Platform**: Designed to boost student engagement by 40%, offering access to over 30 quizzes across various subjects with immediate feedback and incorporating data visualization techniques for real-time scoreboard real-time scoreboard.
- **Dual-Login System**: Implemented separate logins for users and admins, ensuring distinct functionalities and secure data storage, increasing security by 50%.
- **Admin Control and Data Management**: Empowered admins with control over quiz content through a structured review interface, improving editing and maintenance efficiency by 60%, also focused on process improvement for better data management.
- **Dynamic Content Retrieval**: Engineered dynamic retrieval of over 500 questions from a database, enhancing flexibility and scalability by 70% using React.js, Node.js, Bootstrap, CSS, and JavaScript.

Chrome extension -

- **Intuitive Eye Dropper Tool**: Enables users to select colors from any browser screen accurately, increasing design efficiency by 50% and utilizing fast-thinking skills to improve tool functionality

- **Convenient "Clear All" Button**: Implemented a feature that erases selected colors from local storage, streamlining workflow organization by 40%.
- **Automatic Hexadecimal Code Generation and Easy Code Copying**: Generated universal standard color codes automatically and facilitated seamless integration into various applications and design projects, reducing coding time by 30%.
- **Technologies Used**: Utilized HTML, CSS, and JavaScript to develop robust and user-friendly functionality.

Study Work Management System -
- **Task List and Reminders:** Enables students to add activities and receive reminders, improving deadline adherence by 60%.
- **Enhanced Productivity:** Assisted students in managing multiple tasks efficiently, boosting overall productivity by 45% and enhanced user experience through effective communication and process improvement
- **Technologies Used:** Developed using HTML and CSS to create an intuitive and accessible interface.

Awards and Certificates

- **National Ranking in "Creating Employment for 50 lakhs people in next 2 years" Competition:** Ranked **9th nationwide** in the competition conducted by FORE School of Management, New Delhi, and earned a cash prize of ₹10,000.
- **Finalist at "Pitch Premier" Competition:** Selected for the final round at **Techkriti'23, IIT Kanpur**, and secured 6th rank.
- **Academic Scholarship Award:** Received a **scholarship** for academic achievement in **1**st, **2**nd, and **3**rd year.
- **Leadership Role:** Served as Class Representative in the 2nd year.
- **Hackerrank Accomplishment:** Earned 4 stars on Hackerrank.

Workshops and Certifications

- **Blockchain Technology Workshop Techkriti'23 (IIT, Kanpur) -** Offline two-day workshop, intended to scatter the knowledge of blockchain.
- **IoT with Google Workshop | Techkriti'23 (IIT, Kanpur) –** Was based on Smart Home Automation and Security System.
- **Web Development Workshop | Techkriti'23 (IIT, Kanpur)**
- **ESG Virtual Experience Program | Tata Consultancy Services -** A program to understand and analyze the client's needs and assess sustainable solutions through comparative analysis
- **Accenture Discovery Program'21 | Accenture -** A virtual program to experience what it is like to work on a project in the real world.