Reetika Singh

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Objective

Enthusiastic and results-driven entry-level software engineer with 1 year of industry experience in **Node.js** and **Python**. Skilled in developing scalable web applications, optimizing backend systems, and leveraging modern development tools and technologies. Passionate about continuously learning, improving technical skills, and contributing to the success of dynamic teams. Seeking opportunities to apply my expertise in software development and
problem-solving to drive innovation and contribute to impactful projects.

Technical Skills

- **Programming Languages:** Python, JavaScript
- **Web Development:** ReactJS, Node.js, Express.js, Flask
- **Databases:** PostgreSQL, MySQL
- **Tools & Technologies:** Git, GitHub, RESTful APIs
- **Data Structures & Algorithms:** Solid understanding and application
- **Other:** HTML, CSS, JavaScript, Excel

Soft Skills:

Analytical thinking, Problem-solving, Time management, Communication, Teamwork

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Work Experience

Software Engineer | **Arisan Global**, Hyderabad
April 2024 – Present

- Developed a **Restaurant Billing System** using **Node.js (Express.js)** for the backend, **PostgreSQL** for database management, and **Dexie.js** for offline data handling.
- Managed orders, billing, sales, and expenses, ensuring seamless operations during peak hours.
- Optimized **PostgreSQL** queries and implemented **connection pooling** to handle multiple concurrent transactions efficiently.
- Integrated background synchronization to push offline transactions from **IndexedDB** to **PostgreSQL**, maintaining data consistency without compromising performance.

Software Engineer Trainee | **Getmecab.com**, Hyderabad
January 2024 – March 2024

- Developed a web application using **Python**, **Flask**, and **ReactJS** to solve algorithmic challenges with a login system.
- Built **APIs** for user authentication and dynamic data retrieval from **MySQL**.
- Solved **5 data structure algorithms** and displayed algorithm source code dynamically to improve user interaction.

Education

Bachelor of Technology (B.Tech) in Civil Engineering
Galgotias College of Engineering and Technology, Greater Noida
2019 – 2023

Academic Projects

Hotel Management System (Python)

- Developed a system to automate hotel operations, including booking, room service, billing, and record-keeping.
- Focused on improving user interface and interaction by integrating all major hotel management functions.

Sewage Treatment Plant System

- Designed a system that simulates the physical, chemical, and biological processes involved in sewage treatment.
- Aimed at producing environmentally safe treated wastewater, contributing to a cleaner ecosystem.

Certifications

- **Python – Coding Ninja (2023)**

Hobbies

- **Coding, Traveling, Fitness**

Languages

- **English, Hindi**