Muskan Gupta

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Junior Software Developer with 2+ years of experience in backend development, front-end technologies, and database management. Skilled in Node.js, React.js, PostgreSQL, and AWS, with a proven track record of delivering efficient and scalable solutions. Certified in AWS Cloud and Business Intelligence, with a focus on collaborating with teams to meet business objectives effectively.

Education

Bachelor of Engineering *(Information Technology)*   **April-2018-June 2022**
ITM GROUP OF INSTITUTION, Sithole

Technical Skills

Programming Languages & Frameworks: JavaScript, Node.js, React.js, Express.js
Databases: MySQL, PostgreSQL   **Version Control & Collaboration Tools**: Git, GitHub
Testing & Debugging: Mocha, Chai, Postman   **Web Technologies**: HTML, CSS, Bootstrap
Cloud Platforms: AWS (Basics)   **Other Tools**: SonarQube, Aha, Agile Methodology

Work Experience

Cognizant Technology Solutions   **April/2023 - Present**
Programmer Analyst   *Pune, Maharashtra*
Project - Bayer Crop Science

- **As a Software Engineer** with over 2 years of experience, I contributed significantly to the Bayer Crop Science project for a client, leveraging **Node.js** and **PostgreSQL** as primary technologies. My role encompassed diverse responsibilities, ensuring alignment with business objectives and delivering scalable solutions.
- Designed and developed robust backend services using **Node.js** to support Bayer's Crop Science operations. Implemented ETL processes for seamless data transformation and created APIs to facilitate efficient data handling for crop management and product information.
- Collaborated effectively with cross-functional teams, including front-end developers, project managers, onsite teams, and client stakeholders, ensuring timely and successful project delivery.
- Maintained detailed project documentation to enhance knowledge sharing and enable efficient future maintenance.
- Utilized tools and technologies like **Express.js**, **PostgreSQL**, **SonarQube**, and **AWS** to ensure code quality, performance optimization, and system reliability.
- Implemented rigorous code reviews and testing methodologies, contributing to the delivery of a high-quality, bug-free application.
- Monitored system performance and resolved issues using **SonarQube** for code quality analysis and **AWS CloudWatch** for operational insights.

Deckers-CREST project   **October 2022-April 2023**
Programmer Analyst Trainee   *Pune, Maharashtra*
- Contributed to the development of a comprehensive dashboard for the Deckers-CREST project, displaying data tables and charts, and providing key insights to stakeholders.
- Conducted browser-based debugging and performance testing to ensure smooth operation across different platforms. Ensured quality control through performance testing frameworks like Mocha and Jest.
- Collaborated with cross-functional teams and maintained effective project management and troubleshooting processes.

Cognizant Technology Solutions   **February 2022-June 2022**
Internship   *Remote*
- Completed an internship as a Software Engineer, contributing to the development of a Healthcare Management System *(*Group Project) that allows patients to schedule appointments online.
- Gained practical experience with React, Node.js, MySQL, and AWS.
- Impact: Enhanced the efficiency of appointment booking for users and healthcare providers.
- Met all project milestones, demonstrating effective project management and technical proficiency.

Key Projects:

Netflix Clone (Individual Project)
- Built a Netflix-like platform with a responsive UI using React, allowing users to stream content seamlessly.
- The Netflix clone features a responsive UI for streaming across devices, with secure user authentication. It includes content search, watch list management, real-time updates, and integration with external API for video streaming.
- Technology use-: React, Express.js, Node.js, Mongo DB, External APIs.

Professional Certificates:

- AWS Certified Cloud Practitioner   Microsoft Certification in Business Intelligence
- Executive Briefing: Artificial Intelligence (AI) + ChatGPT on Udemy   Basic Git and GitHub – essentials Udemy