ROCHIT XALXO

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EDUCATION

ABES Institute of Technology   **Ghaziabad, UP**
Master of Computer Application   **2022 – 2024**
Major in Computer Science & Information Technology
Cumulative GPA : 8.0 / 10.0 | Academic List 2022 - 2023
Relevant Coursework : Software Engineering, Operating Systems, Data Structures & Algorithms, Artificial Intelligence

Jharkhand Rai University   **Ranchi, Jharkhand**
Bachelor of Computer Application   **2019 - 2022**
Cumulative GPA : 8.5 / 10.0 | Academic List 2019 - 2022

WORK EXPERIENCE

Trainee – Backend Developer   **Gurugram, HR**
Pioneer E Solutions Pvt. Ltd.   **Summer 2024**

- Designed and implemented RESTful APIs for seamless third-party integrations, enhancing system interoperability and functionality.
- Developed and optimized database schema and objects, achieving a 25-35% reduction in data retrieval time and improving overall application performance.
- Created and executed unit tests to identify and prevent bugs, ensuring high code quality and stability before deployment to the production environment
- Worked with interdisciplinary teams in agile sprints to design, develop, and deploy new features, ensuring timely and successful project delivery.

TECHNICAL SKILLS

- **Frontend/Backend** – HTML | CSS | JavaScript | Bootstrap | EJS | Figma | Node.js | Express.js | PHP | Git | Laravel | Codeigniter
- **Database** – MongoDB | MySQL | Oracle | JQuery | AJAX
- **DevOps** – Bash/PowerShell | Linux/Unix | Ansible | VMs
- **Programming Languages** – C | Java | OOP | MVC

PROJECTS

Wazuh (A System Security Platform - Cybersecurity)   **2024, Recent**
Tech Stack : OpenSearch, TypeScript, Shell-Script, Python, Filebeat, Ansible, AWS S3

- Configured and deployed Filebeat to collect and forward real-time log data, enhancing system monitoring and diagnostics.
- Utilized AWS S3 for scalable and secure storage solutions, ensuring data integrity and accessibility.
- Implemented OSSEC to provide active intrusion detection and continuous monitoring, improving system security and threat management.
- Developed and executed Shell scripts to automate routine tasks and processes, increasing efficiency and reducing manual intervention.

Just Notes (Frontend and Backend Development)   **2024, Recent**
Tech Stack : Node.js, Express.js, Google OAuth20, MongoDB, EJS Layout

- Created a seamless user interface by developing the frontend with Express EJS layout, utilizing server-side rendering for improved performance and user experience.
- Built the backend using Node.js for efficient API integration and database operations, ensuring robust and scalable server-side functionality.
- Managed and stored user data using MongoDB, providing a scalable and flexible database solution for application data management.
- Developed secure user authentication mechanisms using Google OAuth 2.0 and Passport, enhancing application security and user login experience.

ADDITIONAL INFORMATION

- **Certifications :** Full Stack Web Development by Dr. Angela Yu (Udemy 2023) | Beginner to Advance DevOps by Imran Teli (Udemy 2024)
- **Achievements :** District level champion in (Volleyball, 2017) | Silver Medalist in Academic performance (BCA)