RAKESH KUMAR

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Professional Summary

A highly motivated software developer with expertise in web development, system design, and data structures and algorithms (DSA). Proficient in JavaScript, PHP, Python, and Java, along with frameworks like React and Node.js. Experienced in building scalable, user-focused applications and integrating AI systems. Skilled in database management using MySQL and MongoDB. Passionate about continuous learning and delivering innovative, real-world solutions.

Experience

- Web Developer Intern at CodSoft ,[15-06-2024] - [15-07-2024].Assisted in developing and maintaining web applications using PHP and Laravel. Made a job hosting application, enabling recruiters to post job vacancies and applicants to easily apply. Implementing front-end features with HTML, CSS, and JavaScript, and robust back-end functionalities with PHP.
- Completed Summer Industrial Training on Artificial Intelligence with IoT under the guidance of CodroidHub Pvt. Ltd. Created a sophisticated chatbot, implemented an object detection system using a sound buzzer. Enhancing practical knowledge and technical skills.

Skills

- **Languages**: HTML & CSS, JavaScript, PHP, Java, Python
- **Framework**: React, Node.js,Express.js
- **Database Management**: MySQL, MongoDB Atlas
- **Other Skills**: Git,GitHub Firebase,PostMan, WebRTC, Agile development
- **LeetCode:** 150+

Certificate

- Ethical Hacking (NTPEL)
- Cloud Computing and Distributed System (NTPEL)
- Development & Advanced Engineering Job Stimulation (Accenture)
- Introduction to Prompt Engineering for Generative AI (LinkedIn Learning)
- Artificial Intelligence Fundamental (IBM Skill build)

Projects

- **Job Board**: A web application for job posting and application management, developed using PHP with a user-friendly interface.
- **Video Calling Application**: Built a real-time video calling platform utilizing React.js, WebRTC, and MediaSoup for optimized communication.
- **Email**: Engineered an email communication platform enabling clients to send messages using Node.js for robust backend functionality.
- **Comment Analyzer**: An application for analyzing the sentiment and content of user comments, utilizing Python for data processing.
- **DDoS:** Implemented a system for DDoS attacks using Python. Leveraged traffic pattern analysis and anomaly detection to identify and mitigate malicious activity.
- **FinAdvise:** A full-stack financial advisory platform with four roles—Client, Advisor, Manager, and Admin. Clients book schedules with advisors, and Zoom meeting links are provided after successful payment. Managers verify advisors and track records; admins oversee the entire system.

Education

Graduation: Amity University Patna in B. TECH (Computer Science and Engineering) |CGPA: 7.79 | Year:2022-2026 |
12th schooling: DON BOSCO ACADEMY (Affiliated with ISC) |Scored: 85% | | Year: -2020-2022 |
10th schooling: ST. PAUL'S HIGH SCHOOL (Affiliated with ICSE) |Scored: 87% | | Year: - 2020 |