ANKIT PRASAD

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Skills

- C++ | C | Java | JavaScript | PHP | HTML5 | CSS3 | JQuery | Ajax | Laravel | React | Node | Express | MySQL | MongoDB | Git
- Azure | Apache | Automation | OOP | Postman | API | Apache JMeter | Docker
- Microservices | Distributed Systems | Linux | Frontend | Backend | English, Hindi - All professional proficiency or above

Experience

Software Engineer   **IxamBee**   **Noida,India 05/2023-10/2023**

- Designed and implemented a dynamic coupon generation system for users, leveraging **Laravel**, **PHP**, **MongoDB**, **MySQL** and Caching Mechanisms. This involved utilizing my proficiency in PHP, MySQL, HTML5, CSS3, and JavaScript to efficiently manage coupon codes and distribution.
- Implemented **caching mechanisms** and **asynchronous processing**, resulting in a significant reduction in response time, optimizing the overall system performance.
- Automated Email Notification System: Spearheaded the development of an automated email notification system using **PHP**, **JavaScript**, and **Ajax**, **JQuery** to deliver personalized offers to users. This initiative not only improved customer engagement but also contributed to enhanced retention rates.
- Automated Question Generation System: Innovated an automated question generation system for faculty using the **ChatGPT API** This streamlined content creation for educational platforms, making it more efficient and user-friendly.
- Utilized **Laravel** to enhance the website's backend, optimizing database queries and implementing design improvements. This involved resolving both **major** and **minor bugs**, ensuring a seamless user experience. Implemented security measures, including input validation and sanitization, to protect against common web vulnerabilities.

Software Engineer - intern   **Freshworld**   **Noida,India 05/2022-07/2022**

- Spearheaded **React frontend development**, crafting an intuitive and responsive user interface for the job portal.
- Implemented secure user authentication using **Node.js** and **Express**, ensuring data privacy with **JWT tokens**.
- Managed **MongoDB** for efficient and scalable storage of user profiles, job listings, and application data.
- Enhanced real-time communication through **WebSockets**, facilitating instant **messaging** and **notifications**.

Education

Bachelor of Technology   **Sharda University**   **Greater Noida,India 2019-2023**

- Major in Computer Science Engineering

Projects

(EHR) System for Clinics

- Leveraging **PHP Laravel** for backend development, **jQuery**, **JavaScript** for dynamic frontend interactions, and **MySQL** for secure and efficient database management. **Currently being used by 3 Clinics around Greater Noida and Jabalpur.**

Food Ordering Platform

- Platform using the MERN stack (**MongoDB**, **Express.js, React, Node.js**) along with additional technologies such as **Redux** for state management and **Socket.IO** for real-time order updates.

Smart Parking System (Hackathon Participation)

- Built a Smart Parking System using machine learning in **Jupyter**, optimizing space allocation for efficient urban parking. Integrated IoT sensors for real-time data, enhancing traffic flow and reducing congestion.

Machine learning Based Malware Detection System

- Implemented a Machine Learning-Based Malware Detection System, leveraging **Python** for data analysis and model training, and utilizing **TensorFlow** for efficient machine learning algorithms.

Courses

- Java and Data Structures in Java.
- Complete Web Development Bootcamp.
- AWS Certified Machine Learning.
- Ethical Hacking.