Rinika Dey

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SUMMARY

Passionate web developer with hands-on experience in PHP, WordPress, and frontend technologies. Known for delivering custom solutions, optimizing website performance, and contributing to full-stack development. Enthusiastic about continuous learning and applying technical knowledge to solve real-world problems and communicate more efficiently on that.

EDUCATION

MCA   9.71 | Regent Education and Research Foundation, Kolkata | 2019 - 2022
Maulana Abul Kalam Azad University of Technology (MAKAUT)

B.Sc. Computer Application   64.13% | Rishi Bankim Chandra College, Kolkata | 2015 - 2018
West Bengal State University (WBSU)

H.S.   67.8% | Bhatpara Central Hindu Girls' High School, Bhatpara | 2013 - 2015
West Bengal Council of Higher Secondary Education (WBCHSE)

Madhyamik   69.14% | Uttar Garifa Pallimangal High School, Garifa | 2013
West Bengal Board of Secondary Education (WBBSE)

EXPERIENCE

SYMMETRIX SYSTEMS PVT LTD | Web Developer Trainee   Kolkata, India | Oct 2023 - May 2024

- Implemented **secure login and registration** systems using PHP **sessions** and **password hashing** - hash, verify.
- Developed **CRUD operations** with **MySQLi/PDO** for user management and data entry modules.
- Handled form submissions with **validation, sanitization (htmlspecialchars, mysqli real escape string)** to prevent **XSS and SQL injection** increasing the security of the applications by 87%.
- Implemented **session management** and access control for **authenticated users** across pages.
- Integrated **file upload** system with size/type restrictions and error handling using **$FILES** adding security by 89%.
- Integrated **AJAX** with **PHP for real-time form** submissions and dynamic content loading, increasing loading speed by 82%.
- Used **cookies and sessions** to store user preferences and maintain login states across pages.
- Created **reusable config files** for **DB connection, base URL, and constants** to centralize configuration reducing redundant work by 78%.

CODEARTS SOLUTION PVT LTD | Jr. Backend Developer   Kolkata, India | Aug 2022 – Apr 2023

- Developed components of the internal product, Codearts ERM, including the **Holiday, Notice, and Chat Modules** along with bug fixing and code optimization for performance of the application.
- Implemented **real-time chat functionality** using **long-polling** and **efficient server-side message handling** in PHP.
- Integrated **file upload system** for **holiday applications and notice attachments** with **size/type restrictions**.
- Built **custom authentication** and **access control systems** using PHP **sessions and role-based permissions** like **HR, Admin, Employee** etc for smooth operations, increased ui/ux experience by 94%.
- Built frontend and backend using **PHP, MySQL, JS, jQuery, Bootstrap**, incorporating AJAX calls and session handling increasing performance of old sites by 85%.
- Worked on **WordPress Theme Development**, supporting various clients like **KMG Import** and **Hair Doctor NYC**.

SHUNYA INTELLIWARE SOLUTIONS | Software Developer Intern   Kolkata, India | May 2022 – Jul 2022

- Conducted testing for various **Android apps** and websites, identifying key usability issues.
- Produced **detailed reports** on website designs and user experience improvements.
- Performed end to end **unit testing** and **integration testing** identifying issues, managing operational work by 97%.
- Performed **UI testing** on **different screen sizes and resolutions** to ensure responsive layout, improving UI/UX experience by 83%.

SKILLS

Languages: PHP, SQL, Java, C, C++
Web Development: PHP, MySQL, Laravel, WordPress, Spring Boot, Spring Framework, HTML, CSS, JS, Bootstrap, Git, Postman
Achievements: Employee of the Month (Nov 2022) *(Codearts Solution Pvt Ltd)*