

M. RAVI

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Professional Summary

A highly motivated and adaptable Web Developer with hands-on experience in PHP, MySQL, Bootstrap, JavaScript, and various frameworks. Known for delivering innovative and user-friendly solutions, I am passionate about building scalable web applications and improving overall user experience.

Education

Bachelor of Science in Computer Science
Bishop Heber College, Tiruchirappalli, Graduation Year: 2025

Internship

Role: Software Developer

Project: HePTA (Heber E Portal Template for AQAR)

Description: A comprehensive platform for managing college data, facilitating seamless collection, organization, and presentation of information on events, cultural activities, student details, scholarships, and office records. Offers user-friendly data upload and retrieval features, along with robust administrative functionalities for tracking department-wise uploads and generating insightful visualizations. Ideal for educational institutions seeking efficient data management and reporting for accreditation purposes.

Duration: Aug 2023 to Dec 2023

Frontend: HTML, CSS, JavaScript, Bootstrap

Backend: PHP

Database: MySQL

Server: Linux Apache server

Technical Skills

Programming Languages: PHP, JavaScript, Java, SQL

Frameworks & Libraries: Laravel, Bootstrap 5, React (Learning)

Databases: MySQL, NoSQL (MongoDB, Aiven DB)

Version Control: Git

Ai Tools : Chatgpt, Blackbox, Deepseek

Development Tools: Docker, Netlify, OpenSSH Server, Visual Studio Code

Design: HTML5, CSS3, XML

Os : Linux (Ubuntu, Centos, Fedora, Kali linux), Windows

Projects

HePTA Project (IQAC Department)

Developed Heber Online E-Portal Template for AQAR reporting. Automated data collection and reporting for NIRF audits (2022-2023).

Exam Invigilator Allocation System

Automated staff invigilator scheduling for 8-day exam periods. Integrated hall allotment logic based on years of experience and shift rules. Developed Excel-based data upload and download functionality.

Create an Exam Invigilation Power BI Dashboard

Designed a Power BI dashboard to track and visualize staff allocation, exam halls, and dates for invigilation. Integrated data from staff and hall records to provide insights on surplus staff and allocation statistics. Included dropdown filters, pie charts, and bar graphs to easily track exam invigilation performance.

Billing System (JavaScript)

Designed an online billing system with an invoice printing feature. Captured customer and dealer details, itemized purchase data, and timestamps.

Resume Builder Website

Developed a two-column layout: input fields for user data and dynamic ATS resume template display.

ID Card Registration System

Developed a login system using email-based OTP verification. Created an admin dashboard for managing ID card registrations and staff details.

Hall Booking System

Designed and implemented a hall booking platform with user-friendly interfaces. Integrated hall availability checks and automated allocation based on user preferences.

Professional Experience

Software Developer Intern

Bishop Heber College | Sep 2024 - December 2024

Built and optimized dynamic, responsive websites for educational and administrative

purposes. Developed backend systems using PHP and MySQL. Enhanced user experience through Bootstrap-based UI designs.

Web Developer

Bishop Heber College | March 2025 – Present

Currently working on developing and maintaining web applications for institutional use. Responsible for both frontend and backend development using PHP, MySQL, JavaScript, and Bootstrap. Contributed to internal digital transformation projects to enhance administrative efficiency and user engagement.

Certifications

I have practical experience and proficiency in languages and frameworks including PHP, MySQL, Docker, and Laravel, which I've applied to build real-world applications. Additionally, I've earned certifications in:

- Python Essentials 1 course at Cisco Networking Academy (March 2024)
- Linux Tutorial at Great Learning Academy (Jan 2024)
- Network Security at Great Learning Academy (Jan 2024)
- Project Management at Great Learning Academy (Feb 2024)
- Explore fundamentals of Data Visualization (April 2024)

Paper Publication

"A Creative Journey into Big Data Analysts," International Journal of Computer and Communication Technology (2023). DOI: [10.47893/IJCCT.2023.1435]

Workshops & Certificates

Workshop on Create Static Web Page Using HTML, CSS at MARCELLO TECH-2023

LATEX and OVERLEAF at Chaitanya Bharathi Institute of Technology

Nine-Day National Level Workshop on DEVOPS at SRM Institute of Science and Technology (June 2023)

Eight-Day Faculty Development Programme on Cyber Security & Hacking at SRM Institute of Science and Technology (June 2023)

Recent Trends in Green Energy Initiative and Soft Computing Techniques in July 2023 at Mahatma Gandhi Institute of Technology, Hyderabad

Soft Skills

Problem-solving and debugging

Effective communication and teamwork

Time management and project coordination

Achievements

Automated exam hall allocations for over 582 staff members.

Developed a robust system for staff invigilator duty assignments with zero clashes.

Successful deployment of multiple web projects on Netlify.