

Rakesh Ravindran Nair

Web developer & free software enthusiast

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Kerala, India.



Full Stack Web Developer with over 15 years of experience handling diverse web projects of varying complexity. Proficient in managing the entire project lifecycle, including gathering functional requirements from client interactions, database and system design, programming, testing, and documentation.

Committed to clear communication, I am passionate about writing standards-compliant and secure code, always supplemented with thorough documentation.

Tools and Technologies

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| Languages | PHP, Python, Javascript, HTML, CSS, SASS, AWK |
| Backend | Laravel, Codeigniter |
| Frontend | Vue.js, ReactJS, Bootstrap, TailwindCSS, Jquery |
| Database | MySql, MongoDB |
| CMS / SSG | Wordpress, Hugo |
| Source Control | GIT |
| Server Side | Linux, Apache, Shell Scripts |
| Buid Tools | Npm, Vite, Composer |
| Development Tools | MySQL Workbench, Postman |
| Document Processing | LaTeX |

Work Highlights

A couple of project that I worked on over the years. My Role and the technologies used.

HCAPS

A web-based office management software tailored for small to mid-level organizations, designed to streamline office operations. This is project that I continue to maintain. Key features include

- Employee management with Attendance tracking
- Asset management
- Accounting and Work order management
- Integrated calendar and notification system

As Technical Lead, I spearheaded the project, utilizing CodeIgniter, jQuery, Bootstrap, MySQL, and Vue.js to build a robust and efficient system.

SCRIBE

Developed an online news publishing web app tailored for the specific business logic required by news portals, including

- A resource library allowing reuse of images and videos displayed alongside text content.
- State transitions to facilitate the content approval and publishing process.
- Support for various content types such as news, interviews, columns, cartoons etc with varying publishing frequencies. With tagging and searching features for them.
- Integration of comments and a payment gateway for subscriptions

As Technical Lead, I guided the project using CodeIgniter, jQuery, Bootstrap, MySQL, and Vue.js to deliver a comprehensive and efficient solution.

CV - PARSER

Developed a CV parsing software for a recruitment firm, designed to standardize CVs from various formats. Key features include

- Integration with Textkernel API to convert CVs into XML format
- Custom-built web application to manage and manipulate, search, and sort CV data

As the Developer on this project, I utilized Textkernel API, CodeIgniter, jQuery, Bootstrap, and MySQL to create an efficient and user-friendly solution.

Work Experiences

Freelance IT Consultant from June 2011 till Present

As a freelance IT consultant and programmer, I provided comprehensive IT support and strategic advice to a diverse clientele. I tailored solutions to meet clients' unique needs, whether through long-term contracts or on a per-project basis.

During my tenure as Technical Director at Damac Solutions Pvt. Ltd., I led the development of a web-based business management suite designed to help small to medium-sized enterprises automate their office management processes.

Software Programmer at Rainconcert Technologies Pvt. Ltd. From January 2010 till June 2011

I was responsible for creating and maintaining multiple websites using CodeIgniter and WordPress. Led requirement gathering sessions with clients to ensure project alignment with business needs.

Developed functional specifications for various projects, reviewed code and technical design documents to maintain quality standards and coordinated with the testing team to ensure thorough testing and smooth project delivery.

Software Programmer at Vanilla Networks Pvt. Ltd. From June 2007 till December 2009

Started my career in web programming as junior PHP programmer. Worked mainly using PHPFOX CMS.

Education

Bachelor in Information Technology (Kerala University 2003 -2007)

Attended Mar Baselios College of Engineering for bachelors degree in Information and Technology.