

Sri Krishna Y (Full stack Developer)

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Professional Summary:

Experienced Full-Stack Developer with over 2 years of expertise in web development and design. Proficient in utilizing modern tools and frameworks such as Laravel PHP, React.js, and Node.js. Skilled in creating responsive, user-friendly interfaces and building robust back-end systems to support front-end functionality. Strong background in client collaboration, requirement gathering, and project specification formulation. Committed to delivering high-quality solutions that meet client needs and enhance user experience.

Experience:

AI Hawks Software Solutions Pvt. Ltd.

Full-Stack Developer

April 2022 - Present

- Developed and maintained multiple web applications using Laravel PHP, React.js, and Node.js.
- Collaborated closely with clients to gather requirements and ensure project alignment with their expectations.
- Designed responsive interfaces using Figma, ensuring seamless user experience across devices.
- Implemented secure back-end systems, including APIs and databases, focusing on React.js and Node.js.
- Integrated user authentication and authorization measures to uphold data security standards.
- Utilized Git for version control to manage source code and facilitate team collaboration.
- Conducted code reviews and pair programming sessions to maintain high code quality and ensure maintainability.
- Worked with QA team to ensure comprehensive test coverage and efficient bug fixing.
- Successfully deployed web applications to production servers, ensuring smooth deployment processes.

Technical Skill Sets:

Front-end Development Tools:

- Proficient in crafting dynamic user interfaces using:
 - HTML, CSS, and JavaScript
 - Advanced front-end frameworks like React and Laravel PHP

- Experienced in integrating sleek and responsive designs with:
 - UI libraries including Bootstrap and Material UI
- Skilled in leveraging cutting-edge technologies such as React.js for enhanced front-end development.
- Proficient in utilizing Figma for meticulous design and prototyping.

Back-end Development Tools:

- Expertise in building robust server-side solutions with:
 - PHP, a versatile server-side language
 - Laravel framework for efficient development workflows
 - Node.js for scalable and efficient server-side applications
- Proficient in managing and optimizing databases, particularly:
 - MySQL, ensuring seamless data handling.
 - MongoDB, ensuring efficient document-oriented data management
- Capable of developing and integrating APIs to enhance application functionality and interactivity.

Few Projects:

Project: AI Hawks Software Solutions Website – aihawkssoft.com

Description:

As the lead developer for AI Hawks Software Solutions, I spearheaded the creation of a dynamic online platform showcasing the company's cutting-edge products and services in artificial intelligence and machine learning. Leveraging the robust Laravel Framework, I crafted a captivating website with a modern front-end design, prioritizing intuitive user experience.

Responsibilities:

- Developed the website using Laravel Framework, adhering to best practices in web development and modern design principles.
- Collaborated closely with the design team to engineer a user-friendly interface, optimizing for both performance and usability.
- Implemented version control systems like Git, ensuring seamless collaboration among team members and efficient management of source code.
- Successfully deployed the website to production servers, guaranteeing a smooth and error-free deployment process.

Technology Used:

- Laravel Framework (PHP)
- MySQL
- Git

This project stands as a testament to our commitment to excellence in both functionality and aesthetics, providing AI Hawks Software Solutions with a compelling online presence in the ever-evolving landscape of technology.

Project: VVinterior - Design & Development – vvinterior.com

Description:

Embark on a journey of design exploration with VVinterior, a captivating interior design platform offering a vast array of inspiration and resources. My role in this project was pivotal, involving the creation of a website that not only allows users to immerse themselves in interior design ideas but also facilitates connections with professional designers for seamless implementation.

Responsibilities:

- Collaborated synergistically with the design team to sculpt a user-friendly and visually captivating interface that captivates and engages users.
- Implemented key features including user registration, login functionality, an intuitive search system, and a seamless messaging platform connecting users with designers.
- Developed the admin panel, empowering designers to effortlessly manage their profiles and projects, ensuring a streamlined experience.
- Executed comprehensive testing and meticulous bug-fixing to guarantee a functional, error-free website.

Technology Used:

Harnessing the power of:

- JavaScript for dynamic interactivity
- HTML and CSS for crafting a visually stunning interface.
- PHP and Laravel Framework for robust backend development
- MySQL for efficient data management
- Git for version control, ensuring collaborative success.

VVinterior is not just a platform; it's an immersive experience, a testament to the seamless fusion of aesthetics and functionality in the realm of interior design.

Project: HPC (Hindware Privilege Company) Portal

Description:

As the lead developer, I am thrilled to announce the successful completion and handover of the HPC (Hindware Privilege Company) Portal. This comprehensive platform has been meticulously designed and developed to meet the specific needs of our client. The portal serves as a vital tool for the efficient management of reward points for Hindware Privilege Company's distributors, streamlining the entire reward point process. Our focus on user roles and permissions ensures a seamless and tailored experience for various stakeholders.

Key Achievements:

- **Role-Based Access Control:** Implemented a sophisticated role-based access control system, allowing users with different roles—admin, sales manager, sales head, data uploader, and product head—to log in with distinct permissions and functionalities.
- **Data Management Features:** Designed and integrated comprehensive data management features, including efficient data upload functionalities for SAP and DMS Excel sheets on a monthly basis. These datasets form the foundation for accurate reward point calculations.
- **Targeting System Upload:** Provided users with the capability to upload targeting systems, essential for refining reward point calculations alongside other uploaded data.
- **Reward Point Calculation Algorithm:** Developed a robust algorithm for precise monthly reward point calculations based on uploaded data and user-defined conditions.
- **Data Export and Reporting:** Implemented functionalities for exporting results in various formats (CSV, Excel, PDF), facilitating easy data sharing and analysis. A print feature allows for immediate access to reports.
- **Database Management:** Utilized MySQL for effective data storage, retrieval, and management within the portal.
- **Security Measures:** Implemented stringent security protocols, including data validation and user authentication mechanisms, to safeguard sensitive data and maintain portal integrity.
- **User Interface Design:** Crafted an intuitive and visually appealing user interface, prioritizing ease of navigation and enhancing overall user experience.

Technologies Utilized:

- **Laravel Framework:** Leveraged the Laravel PHP framework for portal development, capitalizing on its MVC architecture, extensive feature set, and developer-friendly tools.
- **MySQL Database:** Employed MySQL as the primary database system for efficient data storage, retrieval, and management.
- **Role-Based Access Control:** Implemented role-based access control using Laravel's built-in authentication and authorization features for seamless management of user roles and permissions.

- **Data Upload and Processing:** Utilized Laravel's file upload functionality and custom data processing scripts to handle SAP, DMS Excel sheets, and targeting system data.
- **Reward Point Algorithm:** Created a custom algorithm for accurate reward point calculations based on user-defined conditions and uploaded data.
- **Data Export and Reporting:** Integrated libraries and tools for data export in multiple formats (CSV, Excel, PDF) and implemented a print functionality for immediate access to reports.
- **Security Protocols:** Implemented rigorous security measures, including data validation and user authentication, to protect sensitive data throughout the portal.
- This project's successful completion and handover to Hindware Privilege Company mark a significant milestone, showcasing our dedication to delivering tailored solutions that meet and exceed our client's expectations.

Current Project: Vasudha Connect

Description:

Vasudha Connect is a dynamic and user-centric platform designed to foster seamless communication and collaboration. The project involved the meticulous design of Figma screens, followed by the development of a robust application utilizing React.js for the front end and Node.js for the backend API. The system is empowered by MongoDB as the database, ensuring efficient data storage and retrieval. Vasudha Connect aims to provide an intuitive and engaging user experience, enhancing connectivity and productivity.

Technical Skills Used:

Front-end Development:

- **React.js:**
 - Leveraged React.js to create a responsive and interactive user interface.
 - Developed reusable components for efficient and maintainable code.
 - Implemented state management for seamless data flow and dynamic user experiences.
- **Figma:**
 - Utilized Figma for the meticulous design of user interfaces and overall user experience.
 - Collaborated with designers to transform concepts into visually appealing and functional screens.

Back-end Development:

- **Node.js:**
 - Utilized Node.js to build a scalable and efficient backend API.

- Implemented server-side logic and routing to handle various client requests.
- MongoDB:
 - Employed MongoDB as the database management system for efficient storage and retrieval of data.
 - Designed and implemented database schemas to ensure optimal data organization.

Collaboration and Version Control:

- Git:
 - Utilized Git for version control, ensuring seamless collaboration among the development team.
 - Managed and tracked changes in the source code, enhancing code quality and collaboration.

Project Workflow:

- Collaborated with the design team to translate Figma designs into a functional and visually appealing user interface.
- Developed React.js components to bring the user interface to life, ensuring a responsive and engaging user experience.
- Implemented Node.js for building a robust backend API, handling data processing and serving client requests.
- Integrated MongoDB for efficient data storage and retrieval, ensuring the scalability and reliability of the system.
- Utilized Git for version control, enabling collaborative development and efficient code management.
- Vasudha Connect stands as a testament to the seamless integration of design and technology, providing users with a platform that prioritizes both functionality and user experience.

Education:

Master of Computer Applications (MCA)

- JNTUK University College of Engineering, Vizianagaram
- Year of Graduation: 2019
- Achievement: Secured an outstanding 82% marks

Bachelor of Science in Computer Science (BSc)

- NTR Memorial Degree College, Addanki, Acharya Nagarjuna University
- Year of Graduation: 2016
- Accomplishment: Attained a commendable 80% marks

Higher Secondary Education (12th Grade)

- SGP Junior College, Addanki
- Board of Intermediate Education
- Year of Completion: 2011
- Academic Excellence: Scored an impressive 80.5% marks.

Secondary Education (10th Grade)

- ZP High School, Thimmayapalem
- Board of Secondary Education
- Year of Completion: 2009
- Scholastic Achievement: Secured an excellent 85.5% marks.