Gokulkannan s

Software Engineer

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CAREER OBJECTIVE

Seeking a challenging position where I can apply my problem-solving and analytical skills to the changing world of technology and render my intellectual abilities and services to the organization in a most effective mode that would be rewarding to both the organization and me.

EDUCATION

M.sc.

Computer Science

Muthayammal Memorial College Of Arts And Science

📅 2017 - 2019

📍 Rasipuram

SKILLS

PHP (All Frameworks)

OpenCart

Magento

Python

Node.js

Flutter

Flutter Flow

React Native

React JS

Next js

CERTS

Java

WORK EXPERIENCE

Software Engineer

uSiS Technologies Private Limited

May 2019 - Current | Coimbatore

- Designed dynamic UIs for various web and mobile projects using Bootstrap, JavaScript, HTML, CSS.
- Built Next.js, React.js, and Flutter interfaces.
- Used Core PHP, CodeIgniter, Laravel across projects like Wekya, SGG, Eventsapp, and Adcoops.
- Developed secure APIs for mobile app integration using Laravel and PHP frameworks.
- Handled Firebase Auth and secure database operations.
- Prevented common PHP/web exploits: SQL Injection, XSS, CSRF in real projects.
- Stripe, PayPal, Razorpay, CCAvenue used across multiple platforms.
- Enabled multi-currency, secure checkout, and transaction tracking.
- Strong experience with MySQL, MongoDB, and Firebase Realtime DB / Firestore and Migrated large data sets using Python + Firebase.
- Built complete apps using Flutter and Flutter Flow and Real-time sync and data integrity in apps.
- Implemented Bluetooth integration, QR code login, Firebase FCM notifications.

Web Full Stack Developer

Priceinfo.com

November 2019 - May 2020 | Chennai

- Worked on full-stack web development using PHP, MySQL, JavaScript, AJAX.
- Made frontend changes using HTML, CSS, Bootstrap.
- Gained initial experience in handling web application vulnerabilities.

Projects

WEB

E-Visa Apply Website

Description: Developed a web application for users to apply for e-visas online. The platform allows users to fill out application forms, upload documents, and track their application status in real-time.

Technologies Used: PHP, MySQL, JavaScript, AJAX, HTML, CSS.

Tax Calculator

Description: Developed a tax calculator tool to help users accurately calculate their tax liabilities for the fiscal year. The application includes features for applying various deductions and exemptions to optimize tax savings.

Technologies Used: PHP, MySQL, JavaScript, AJAX, HTML, CSS.

PG Mansion Search Room Website

Description: Developed a web platform for users to search and book rooms in PG (Paying Guest) mansions. The site features advanced search filters, room availability tracking, and user reviews to help users find the perfect accommodation.

Technologies Used: PHP, MySQL, JavaScript, AJAX, HTML, CSS,Bootstrap.

Firebase Data Management for Master Data

Description: Developed a system using Firebase for efficient management and integration of master data across various applications. The project focused on centralizing and organizing key data entities, ensuring data consistency, real-time updates, and easy accessibility across multiple platforms.

Technologies Used: Firebase, PHP, JavaScript, AJAX, HTML, CSS,Bootstrap.

Identiphy (Animal Data Management)

Description: Developed a comprehensive system for managing livestock data, including the grouping of animals and the management of whitelist microchip numbers. The platform facilitates efficient tracking, organization, and monitoring of animal data, ensuring accuracy and compliance with industry standards.

Technologies Used: PHP (Custom Framework), JavaScript, AJAX, HTML, CSS,Bootstrap.

Rave (Video Management)

Description: Developed a video management system that enables users to share videos via email links. The system integrates with Amazon S3 for secure video storage and link generation, allowing users to easily distribute video content while maintaining control over access and permissions.

Technologies Used: Amazon S3, JavaScript,PHP (Codiginter), HTML, CSS.

TDFS (E-Commerce for Animals and Products)

Description: Developed an e-commerce platform for managing and selling animal-related products using OpenCart. The system supports product catalog management, order processing, and customer interactions, providing a seamless online shopping experience for users interested in animal products.

Technologies Used: OpenCart, PHP, MySQL, JavaScript, HTML, CSS.

Wekya (Waste Management)

Description: Developed a waste management system to streamline the management of customer accounts and administrative tasks. The platform includes features for generating user contracts, managing customer and account details, and overseeing waste collection operations to ensure efficient and effective waste management services.

API : Managed APIs to support the mobile app, ensuring seamless integration and data synchronization between the web and mobile platforms.

Technologies Used: PHP (Codiginter), MySQL, JavaScript, AJAX, HTML, CSS.

SGG (School Management)

Description: Developed a comprehensive school management system to handle various aspects of school administration. The platform includes functionalities for managing student records, scheduling and tracking meetings, overseeing staff activities, and managing workshops. Additionally, it features a badge allocation system for students to recognize achievements and milestones.

API : Managed APIs to support the mobile app, ensuring seamless integration and data synchronization between the web and mobile platforms.

Technologies Used: PHP (Codiginter), MySQL, JavaScript, AJAX, HTML, CSS.

Eventsapp (Laravel)

Description: Developed an event management application using Laravel to handle events across different time zones. The system includes features for managing event agendas, speakers, roundtables, and attendance. It also provides user and admin metrics for tracking engagement and performance, offering a comprehensive solution for event organization and management.

API : Managed APIs to support the mobile app, ensuring seamless integration and data synchronization between the web and mobile platforms.

Technologies Used: Laravel, PHP, MySQL, JavaScript, Bootstrap.

Alraya (Sales and Stock Management)

Description: Developed a sales and stock management system to streamline inventory and supplier management. The platform includes features for managing supplier information, administrative tasks, scorecards, purchase orders (PO), goods receipt notes (GRN), and product supplier documents. The system aims to enhance operational efficiency and provide comprehensive oversight of stock and supplier relationships.

API : (Laravel) Managed APIs to support the mobile app, ensuring seamless integration and data synchronization between the ERP and WEB platforms.

Technologies Used: Core PHP, MySQL, JavaScript, Bootstrap,HTML,CSS.

Ai timesheet (Web)

Description: Developed a web-based application for managing medical contracts. The platform includes features for creating and scheduling contracts, tracking contract statuses, and managing contract details. Additionally, it incorporates a timesheet management system for tracking work hours and ensuring accurate billing and compliance with contract terms. This comprehensive solution aims to streamline the contract management process and improve scheduling and tracking efficiency.

Technologies Used: Flutter

Wellzone

Description: Developed a store management system using Magento and the Multi Vendor Marketplace plugin to manage products and customer billing. The platform facilitates product inventory management, order processing, and customer billing, ensuring efficient operation of the store and a smooth shopping experience for customers.

API : (Python) API data uploads to automate data synchronization between the store system and external services

Technologies Used: Magento, Multi Vendor Marketplace plugin, PHP, JavaScript.

Doparttime (Job Portal Web)

Description: Developed a job portal to facilitate job search and application processes. Utilized Next.js for the job portal's front-end, featuring job and company display, search functionality based on location and job categories, and filtering by job type. On the Flutter Flow side, managed user sessions, job applications, saved jobs, and job provider management, including job and company administration.

Technologies Used: Next.js, Flutter Flow,Type Script,Firebase.

Mobile App

Jewelry App

Description: Developed a mobile application to manage jewelry location and information. The app includes features for tracking the location of jewelry items, managing drawer contents, and storing detailed information about each piece. It provides an organized system for keeping track of valuable items and their details, enhancing inventory management and security.

Technologies Used: Flutter,Dart,Firebase (FCM Notification)

Satellite

Description: Developed a management system for overseeing multiple satellite companies within a single project. The platform includes features for managing and tracking the holdings of each company, generating detailed reports, and providing insights into project status. It aims to streamline the management of satellite companies, ensuring effective oversight and reporting capabilities.

Technologies Used: Flutter,Dart

Landlord Mobile App

Description: Developed a mobile application for landlords to manage properties and their details. The app features include tracking and managing property information, saving favorite properties, and searching for properties based on location within Dubai. It provides a user-friendly interface for efficient property management and enhanced search capabilities.

Technologies Used: Flutter,Dart

Tenant App

Description: Developed a mobile application for tenants to manage their property-related needs. The app includes features for managing user profiles under specific properties, tracking and updating property details, and submitting requests for issues such as water problems and maintenance needs. It provides a streamlined way for tenants to communicate with property managers and address concerns efficiently.

Technologies Used: Flutter,Dart

Wekaya Collection App

Description: Developed a mobile application for managing waste collection orders. The app handles pending and completed orders, tracks order collection, and calculates collection weight using Bluetooth technology. It also features a customer sign-off process to confirm collection completion. This app streamlines the waste collection process and ensures accurate tracking and reporting.

Technologies Used: Flutter,Dart,Firebase (FCM Notification)

RC Prime

Description: Developed an application for viewing products and managing a product catalog. The app includes features for user login via QR code scanning, fetching and displaying product information, and creating orders. It integrates an in-app browser for accessing additional content and incorporates various modules to enhance functionality and user experience.

Technologies Used: Flutter,Dart,Firebase (FCM Notification)

Warehouse Management System

Description: Developed a comprehensive warehouse management system for overseeing product inventory and managing collection requests. The platform includes features for managing product details, handling collection requests, and tracking warehouse operations. It also provides tools for team management and efficient request handling, with advanced search functionality to streamline inventory and request management.

Technologies Used: Flutter,Dart

Doparttime (Job Portal)

Description: Developed a job portal application with Flutter Flow for managing user sessions, job applications, and saved jobs. The platform also includes features for job provider management, including job and company administration. Utilized Firestore for real-time data management and synchronization, ensuring efficient handling of user and job data across the application.

Technologies Used: Flutter Flow, Firestore, Dart, Firebase.

Support Project

Reilance (Product and Cart Management)

Description: Developed a comprehensive e-commerce platform to manage products, view customer carts, and handle product catalogues. The system includes features for customers to browse products, manage their shopping carts, and view product details, while providing an admin interface for managing product listings, customer orders.

Technologies Used: PHP (Codiginter), MySQL, JavaScript, AJAX, HTML, CSS.

Adcoops (Sales and Stock Management)

Description: Developed a sales and stock management system to streamline inventory and supplier management. The platform includes features for managing supplier information, administrative tasks, scorecards, purchase orders (PO), goods receipt notes (GRN), and product supplier documents. The system aims to enhance operational efficiency and provide comprehensive oversight of stock and supplier relationships.

API : (Laravel)Managed APIs to support the mobile app, ensuring seamless integration and data synchronization between the ERP and WEB platforms.

Technologies Used: Core PHP, MySQL, JavaScript, Bootstrap,HTML,CSS.

Data Migration

Description: Developed a Python script for data migration, handling large-scale data transfers from XLSX and CSV files to Firebase. The script efficiently processes and migrates old data to Firebase, ensuring data integrity and consistency throughout the migration process. This solution supports seamless integration and management of historical data within the new system.

Technologies Used: Python, Firebase, Pandas (for data processing), XLSX, CSV.

Edjabet (Mobile APP)

Description: Developed a management system for Edjabet focused on overseeing various operational details. The project involves managing and maintaining comprehensive records related to holdings, including financial details, asset tracking, and administrative data. The system provides tools for accurate data entry, detailed reporting, and efficient oversight of all managed details.

Technologies Used: Flutter,Dart

Eventsapp (Mobile APP)

Description: Developed a Events app integrated with Bluetooth printer connectivity. The app enables event management, including attendance tracking and real-time printing of attendee badges or tickets via a Bluetooth printer, ensuring efficient and seamless event operations

Technologies Used: Flutter,Dart

Pink Driver (Backend / Mobile App)

Description: Pink Driver is a taxi app for women in Qatar. It allows customers to select a driver based on a bidding system from a list of available drivers.

Technologies Used: Android Native, Node.js, MongoDB.

DECLARATION:

I hereby declare that the above-mentioned information is correct up to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place**:**

Date**:**   **(S.GOKULKANNAN)**