

SUGUNAVEL G

Software Developer (9.1 Years/Months)

Chennai-600 045.

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Portfolio: <https://bit.ly/sugunavel>

Scan Portfolio:



PROFESSIONAL SUMMARY

- **Angular Developer, PHP Developer, Full Stack Developer, Web Developer** with **9 years** of experience in front-end and back-end development including web application design, software design patterns, relational database design.
- In-depth knowledge and experience in **Angular, HTML, CSS, Bootstrap, Typescript, JavaScript, jQuery, Core PHP, MySQL, AJAX, JSON, Payment Gateway**.
- Excellent code reviews, code debugging skills and developing responsive web application using Bootstrap CSS framework.
- Experience in development phase of web applications using Apache **XAMPP** and **LAMPP**.
- Experience of Interacting with the Client & Understanding requirements.
- Good interpersonal communication skills, leadership qualities, team working attitude.
- Good skills in Database management tools such as **phpMyAdmin**.
- Experience of Designing the layout, UI while achieving Customer/user Friendliness.
- Creating custom PHP forms & documenting the portal.
- **Digital Marketing Strategy & Execution:** Experienced in planning and implementing digital marketing strategies to enhance brand awareness and generate leads.
- **Social Media Marketing:** Skilled in managing and growing social media presence across platforms like **Instagram, Facebook, Twitter (X), and LinkedIn**.
- **Instagram & Facebook Ads:** Expertise in creating and optimizing paid campaigns on **Instagram Ads and Facebook Ads** for better audience reach and engagement.
- **SEO & Content Marketing:** Proficient in keyword research, on-page and off-page SEO, and crafting content that boosts organic traffic.
- **Website Performance Optimization:** Experienced in using **Google PageSpeed Insights and GTmetrix** to analyze and improve website loading speed and user experience.
- **Functional & Performance Testing:** Experience in testing software applications to ensure they meet functional requirements and perform optimally under various conditions.
- **Bug Tracking & Quality Assurance:** Skilled in identifying, documenting, and reporting bugs using tools like Jira, and Bugzilla to improve software quality.

EXPERIENCE

- Currently working as **Software Developer** for **Aarupadai Veedu Institute of Technology (AVIT)**, Chennai from March 2024 to till date.
- Worked as **Full Stack WordPress Developer** for **Ladora Private Ltd.**, Chennai from November 2021 to November 2023.
- Worked as **Web Developer** for **Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology**, Chennai from April 2019 to October 2021.
- Worked as **Software Development Engineer** for **ThinkSynQ Solutions Pvt Ltd**, Chennai from January 2017 to March 2019.

AWARDS & CERTIFICATES

- Certified in **Digital Marketing** by **HubSpot Academy**, skilled in SEO, website optimization, social media strategy, video marketing, and performance measurement.
- Certified in **Java and Software Testing** from **QSpiders**, with expertise in Core Java, Selenium Automation, Manual Testing, SQL, and Agile methodologies. Skilled in writing efficient code, test case execution, and debugging for software quality assurance.

TECHNICAL SKILLS

- **Frontend** : Angular, HTML 5, CSS, Bootstrap, jQuery, AJAX, JSON, JavaScript, Typescript
- **Backend** : Core PHP , Laravel
- **Databases** : MySQL
- **Development Tools** : Sublime Text, Brackets, Visual Studio Code, Eclipse Neon, Macromedia Dream weaver
- **Others** : Firebug, FileZilla, Bugzilla, Jira, Git and Bitbucket

ACADEMIC QUALIFICATION

- MCA - Kongu Engineering College, Erode – 6.4 CGPA (2016)
- BCA - Sri Ganesh College of Arts & Science, Salem – 6.13 CGPA (2013)
- HSC - Govt Hr. Sec. School, Salem – 53.5% (2010)
- SSLC - Govt Hr. Sec. School, Salem – 59.8% (2008)

ACCOMPLISHMENTS

Project #1

- Title** : **Purchase Management System (PMS)**
Team Size : 1
Environment : Angular 21, HTML5, CSS3, Bootstrap5, Typescript, JavaScript, Core PHP, MySql.
Client : **AVIT, SAS, DOM, VMLS, VMSH, SAHS**

Description:

Built automated purchase order system with supplier management, multi-level approvals, and quote comparison. Developed GRN module for quality checks, batch tracking, partial receipts, and damage handling. Integrated GST-compliant invoice generation with automated calculations, PDF/Excel export, and comprehensive report tracking. Implemented end-to-end status monitoring from procurement to payment with automated workflows.

Project #2

- Title** : **Employee Management System(EMS)**
Team Size : 1
Environment : Angular 19, HTML5, CSS3, Bootstrap5, Typescript, JavaScript, Core PHP, MySql.
Client : **AVIT, SAS, DOM, VMLS, VMSH, SAHS, VMCC, VMRF, SPT, SRBS**

Description:

Developed comprehensive employee lifecycle management system with qualification tracking, employment history, family details, and document management. Implemented ESI/PF compliance, automated application form generation, and secure document upload with version control. Built role-based dashboards for HR administration, employee self-service, and compliance reporting with automated reminders and approval workflows.

Project #3

Title	: E-Certificate Management System
Team Size	: 1
Environment	: Angular 18, HTML5, CSS3, Bootstrap5, Typescript, JavaScript, Core PHP, MySQL.
Client	: AVIT, SAS, DOM, VMLS, VMSH, SAHS, VMCC, VMRF, SPT, SRBS

Description:

Developed automated digital certificate generation platform for academic events and achievements. Implemented dynamic certificate templates with student/faculty details, department information, event categorization, and prize distribution. Built bulk certificate generation, QR code verification, secure PDF issuance, and digital signature validation with automated email distribution and verification portal.

Project #4

Title	: Customer Relationship Management (CRM)
Team Size	: 1
Environment	: HTML, CSS, Bootstrap, Typescript, JSON, jQuery, Ajax, JavaScript, Core PHP, MySQL.
Client	: Aarupadai Veedu Institute of Technology

Description:

Designed and implemented a **CRM application** to streamline the **student admissions process**, manage daily follow-ups, and maintain comprehensive student records, helping educational institutions convert prospective leads into confirmed admissions efficiently.

Project #5

Title	: Admission Enquiry Management System
Team Size	: 1
Environment	: HTML, CSS, Bootstrap, Typescript, JSON, jQuery, Ajax, JavaScript, Core PHP, MySQL.
Client	: AVIT, SAS, MBA, SRBS, VMLS, VSEP, Nursing (7 Institutions)

Description:

Admission Enquiry Management System is a digital solution designed to streamline and manage student admission enquiries efficiently. It helps educational institutions track, respond to, and

follow up on prospective student queries from multiple sources like website forms, phone calls, emails, or walk-ins.

Project #6

Title	: All India Online Entrance Exam System
Team Size	: 1
Environment	: HTML, CSS, Bootstrap, Typescript, JSON, jQuery, Ajax, JavaScript, Core PHP, MySQL.
Client	: School of Rehabilitation and Behavioral Sciences,

Description:

Developed and implemented a robust **All India Online Entrance Exam System** to facilitate secure and scalable online examinations, ensuring integrity through webcam proctoring, automating marks calculation, and publishing results efficiently.

Project #7

Title	: Online Exam Scholarship System
Team Size	: 1
Environment	: HTML, CSS, Bootstrap, Typescript, JSON, JQuery, Ajax, JavaScript, Core PHP, MySQL.
Client	: Aarupadai Veedu Institute of Technology

Description:

Developed and implemented a comprehensive **Online Exam Scholarship System** designed to offer students the opportunity to apply for scholarships based on their performance in a secure, online exam environment. The system incorporated exam registration, real-time evaluation, and scholarship allocation based on merit.

Project #8

Title	: Online Application System
Team Size	: 1
Environment	: HTML, CSS, Bootstrap, Typescript, JSON, jQuery, Ajax, JavaScript, Core PHP, MySQL.
Client	: AVIT, SAS, MBA, SRBS, VMLS, VSEP, Nursing (7 Institutions)

Description:

Developed and deployed an **Online Application System** to facilitate centralized application management for multiple colleges, integrated with secure payment processing via Paytm and automated email notifications to enhance user experience and operational efficiency.

Project #9

Title	: Online Application System Admin Dashboard
Team Size	: 1
Environment	: HTML, CSS, Bootstrap, Typescript, JSON, jQuery, Ajax, JavaScript, Core PHP, MySQL.

Client : AVIT,SAS,MBA,SRBS,VMLS,VSEP,Nursing (7 Institutions)

Description:

Developed a comprehensive **Online Application System Dashboard** with a dynamic **Admin Dashboard** to manage student applications, monitor payment statuses, and streamline communication between applicants and administrators for multiple institutions.

Project #10

Title : Website Development and Maintenance (6 Institutions)
Team Size : 1
Environment : HTML, CSS, Bootstrap, Typescript, JSON, jQuery, Ajax, JavaScript, Core PHP, MySQL, Wordpress
Client : AVIT, SAS, SRBS, DOM, AVMC, SPT

Description:

Website Development and Maintenance: Experienced in managing, updating, and maintaining websites for institutions like **avit.ac.in**, **avsas.ac.in**, **srbsvmrf.edu.in**, **dom.avit.ac.in**, **avmc.edu.in**, **sptvmrf.edu.in** ensuring smooth operation, functionality, and security. Skilled in troubleshooting technical issues, implementing content updates, and optimizing site performance for better user experience and SEO.

Project #11

Title : Hostel Management System
Team Size : 1
Environment : HTML, CSS, Bootstrap, Typescript, JSON, jQuery, Ajax, JavaScript, Core PHP, MySQL.
Client : Aarupadai Veedu Institute of Technology

Description:

Developed and implemented a comprehensive **Hostel Management System** designed to streamline and automate the management of student accommodations, including room assignments, fee tracking, maintenance requests, and overall hostel operations.

Project #12

Title : Ticket Management System
Team Size : 1
Environment : HTML, CSS, Bootstrap, Typescript, JSON, jQuery, Ajax, JavaScript, Core PHP, MySQL.
Client : Aarupadai Veedu Institute of Technology

Description:

Developed and deployed a **Ticket Management System** to streamline issue tracking, resolution workflows, and communication across departments, ensuring efficient management of service requests and support tickets.

Project #13

Title	: Work Management System
Team Size	: 1
Environment	: Angular 14+, HTML, CSS, Bootstrap, Typescript, JSON, jQuery, Ajax, JavaScript, Core PHP, MySQL.
Client	: Ladora Private Ltd.

Description:

Employee Management System Project is an essentially software designed to keep track of employee information in any company. It stores data such as their employees personal information. The goal of Employee Management System is to create a work center scheduling system. Scheduling is technology that makes the process of informing activities and notifications in the company where it is implemented simple and even online. The EMS project gives managers a better idea of their employees and helps them plan and manage their work hours in order to cut costs and boost productivity. It gives appropriate directions and supervisions for employees. It also secures and manages information that are important to the employees including personal and work-related information.

Project #14

Title	: Websites Catalogue
Team Size	: 1
Environment	: Angular 8+, HTML, CSS, Bootstrap, Typescript, JSON, jQuery, Ajax, JavaScript, Core PHP, MySQL.
Client	: Ladora Private Ltd.

Description:

Designed and implemented scalable back end for business critical websites. Monitored performance tests on new and existing software for the purposes of correcting mistakes, isolating areas for improvement, and general debugging. Worked with the front-end developers to ensure smooth integration of the front-end and back-end systems. Research, suggest and implement new solutions in performance and scalability improvement of backend services.

Project #15

Title	: 2T2P
Team Size	: 1
Environment	: Angular 8+, HTML, CSS, Bootstrap, JSON, jQuery, Ajax, JavaScript, Core PHP, MySQL.
Client	: Ladora Private Ltd.

Description:

A custom built ERP for goods industry application for distributor wise. The product provides for automated environment from the time of product is collected from the field, factory management, transportation, product allocation and Order management under commission and scheme various distribution routes. The product feature includes interesting data analytics.

Project #16

Title	: Beauty Queen
Team Size	: 1
Technologies	: Wordpress, Core PHP, MySQL, HTML, CSS, Bootstrap, JSON, jQuery, Ajax, JavaScript.
Client	: Ladora Private Ltd.

Description:

The beauty queen application is used to provide an enormous number of services like threading, Massage, Waxing, Facial Care and beauty of the hands, to beauty queen clients based on their service's needs. Generally, clients will book the services based on their available time slot once it is booked, Client will book all type of services in beauty-queen by hassle-free through this application.

Project #17

Title	: Learning Management System (LMS)
Team Size	: 1
Environment	: HTML, CSS, Bootstrap, Typescript, JSON, jQuery, Ajax, JavaScript, Core PHP, MySQL.
Client	: Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology

Description:

Developed and implemented a robust **Learning Management System (LMS)** designed specifically for colleges to enhance the teaching and learning experience. The system enables both students and faculty to interact efficiently, manage course materials, track performance, and communicate seamlessly.

Project #18

Title	: Vel Tech Ticket Generation System
Team Size	: 1
Environment	: Angular 8+, Core PHP, MySQL, HTML, CSS, Bootstrap, Typescript, JSON, jQuery, Ajax, JavaScript.
Client	: Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology

Description:

A staff raises a new ticket / work. It raises a bug to the super admin as pending tickets. Super admin will allocate to the specific employee who needs to complete the work. Then that employee receives the ticket in which his name would be mentioned. He will complete the work and close the ticket / work with description of the completed work details. When the ticket gets closed, it automatically send a mail to the super admin and to the person who raised the ticket.

Project #19

Title	: Examination Management System
Team Size	: 2
Environment	: Core PHP, MySQL, HTML, CSS, Bootstrap, JSON, jQuery, Ajax, JavaScript, Payment Gateway.

Client : Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology

Description:

First the student will login to the web application. There the modules for semester registration, course registration, extended registration and exam fee payment will be available. All the payments can be done through PayTM. When the payments process has been completed, the student's can download their required forms, i.e., Hall ticket / No due form.

Project #20

Title : **Hostel Management System**

Team Size : 2

Environment : Core PHP, MySQL, HTML, CSS, Bootstrap, JSON, jQuery, Ajax, JavaScript, Payment Gateway.

Client : Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology

Description:

The student first registers in the HMS. Then they can login and choose the hostel, what kind of room they need and can check the payable amount. Finally they can book the hostel room via online payment. This system helps to track the no. of students in the hostel, also a student's room number tracked, hostels available rooms tracked, and pending amount of the hostels student's can also be tracked.

Roles and responsibilities:

- Involving in requirement gathering, design, development, database structure creations and payment integration.
- Unit Testing, Maintenance, Bug fixing.
- Involved in report generation and optimization.

Project #21

Title : **Transport Management System**

Team Size : 1

Environment : Core PHP, MySQL, HTML, CSS, Bootstrap, JSON, jQuery, Ajax, JavaScript, Payment Gateway.

Client : Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology

Description:

This system was developed for the day scholars. The student first registers and then login. There he can choose his location and his details. He can check the annual amount payable for the chosen location and he can directly pay the amount via online payments if he is check. The transport charges would have been already updated in the masters for all location.

Project #22

Title : **Hospital Information System**

Team Size : 2

Environment : Angular 2, Core PHP, MySQL, HTML, CSS, Bootstrap, JSON, jQuery, Ajax, JavaScript, Typescript.

Client : ThinkSynQ Solutions Pvt Ltd

Description:

It maintains the Patient details from registration to discharge from the hospital which includes Out-patient's, Inpatient's, Pharmacy, Casualty, Investigation, Inventory, Billing System, Reports And maintains the daily collection of the hospital and displays it in "Dashboard" as Daily and Monthly.

Project #23

Title	: Sparrc Physio Healthcare Management System
Team Size	: 2
Environment	: Angular 2, Core PHP, MySQL, HTML, CSS, Bootstrap, JSON, jQuery, Ajax, JavaScript, Typescript.
Client	: ThinkSynQ Solutions Pvt Ltd

Description:

It is a health care ideally suited for clinics, physiotherapy centers and gyms. The product has facility for patient registration, case sheet management, scheduling of treatment, managing productivity of resources, billing and collection and is versatile enough to help manage discounts, patient categorization etc. The product can be integrated with any financial accounting system to update daily receipts in to accounts.

Project #24

Title	: Fast Moving Consumer Goods
Team Size	: 2
Environment	: Angular 2, Core PHP, MySQL, HTML, CSS, Bootstrap, JSON, jQuery, Ajax, JavaScript, Typescript.
Client	: ThinkSynQ Solutions Pvt Ltd

Description:

A custom built ERP for goods industry application for distributor wise. The product provides for automated environment from the time of product is collected from the field, factory management, transportation, product allocation and Order management under commission and scheme various distribution routes. The product feature includes interesting data analytics.

Project #25

Title	: Lead Management System
Team Size	: 2
Environment	: Angular 2, Core PHP, MySQL, HTML, CSS, Bootstrap, JSON, jQuery, Ajax, JavaScript, Typescript.
Client	: ThinkSynQ Solutions Pvt Ltd

Description:

A prospect convert a customers. prospect assigned in team lead/managers for the employee, stock uploaded, custom uploaded, customers follow up details, collectors maintain, collectors to collect the mount in the customers. The product target assign to the employee and employee leave allocations. The customer details to be maintained in the application. The amount to be collected the maintained the payment of the locations, document verifications , photo copy of the customers on payment place. Collectors target to be maintained in daily, monthly and branch account wise.

Roles and responsibilities:

- Involving in requirement gathering, design, development, database structure creations and payment integration.
- Unit Testing, Maintenance, Bug fixing.
- Involved in report generation and optimization.

PERSONAL DETAILS

Father's Name	:	S.Govindhan
Mother's Name	:	G.Jayanthi
Date of Birth	:	29-03-1993
Gender	:	Male
Nationality	:	Indian
Marital Status	:	Married
Wife's Name	:	S.Kumari
Son's Name	:	S.K.Yathvik
Languages Known	:	Tamil, English

DECLARATION

- ✓ I hereby declare that the above mentioned details are true to the best of my knowledge.

Date:**Place:** Chennai.**SUGUNAVEL G**