

SUBRAMANIYAN SOMU
Professional
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PROFESSIONAL SUMMARY

- Software Professional with **9+ years of experience** in designing, developing, and maintaining enterprise web applications, CRM systems, backend architectures, and workflow automation solutions.
- Strong expertise in **PHP, Yii1.1, Laravel, CodeIgniter, MySQL, JavaScript, jQuery, HTML5, CSS3, Bootstrap, and ReactJS** for building scalable and maintainable applications.
- Extensive experience in developing and customizing **enterprise CRM systems**, implementing reusable architectures, workflow enhancements, and complex business processes.
- Proficient in building and consuming **RESTful Web Services and APIs**, with hands-on experience in JSON, XML, AJAX, and API documentation using Swagger.
- Experienced in designing optimized **MySQL database objects**, including complex SQL queries, stored functions, views, triggers, and packages to improve application performance.
- Hands-on experience with **AWS services**, particularly **Amazon S3** for cloud-based storage and migration solutions, and AWS Bedrock for AI-powered features and content generation.
- Skilled in integrating **AI and automation solutions**, including Bedrock-powered applications, Telegram bots, and workflow orchestration using n8n.
- Strong understanding of **MVC architecture**, object-oriented programming principles, and modern software development practices.
- Experienced in developing real-time processing solutions using **CRON jobs, notification systems, and automated workflows**.
- Proficient with development and database tools including **Visual Studio Code, Cursor, phpMyAdmin, SQLyog**, and AI-assisted development workflows.
- Extensive experience using **Git and Bitbucket** for source code management, branching strategies, and collaborative development workflows.
- Familiar with **Agile methodologies**, actively participating in sprint planning, daily stand-up meetings, code reviews, and iterative software delivery.
- Experienced in using **JIRA and Pivotal Tracker** for project management, issue tracking, bug reporting, and task coordination.
- Strong problem-solving abilities, analytical skills, and effective communication skills, with a proven track record of delivering high-quality software solutions.
- Adept at collaborating with cross-functional teams and contributing to cloud migration initiatives, backend modernization, and enterprise-scale application development.

PROFESSIONAL EXPERIENCE

- Vthink Global Technologies – Aug 2023 – Till Date.
- Shootup Technologies Pvt Ltd, Chennai – Jan 2023 – June 2023.
- Optisol Business Solutions – June 2021 to Dec 2022.
- Sify Technologies Limited, Chennai – July 2019 to May 2021.
- Galaxy Infotech, Madurai – May 2017 to June 2019

EDUCATIONAL QUALIFICATION

- B.E, Computer Science and Engineering, Velammal College of Engineering and Technology, Anna University, Madurai (2012-2016)

TECHNICAL SKILLS

Programming Languages	PHP 8.3, JavaScript, SQL, Object-Oriented Programming (OOP)
Framework and Technologies	CodeIgniter, Laravel, Yii, RESTful APIs
Front-End Technologies	HTML5, CSS3, Bootstrap 5, JavaScript, jQuery, ReactJS
Database	MySQL, Query Optimization, Views, Functions, Triggers
Cloud & AI Technologies	AWS S3, AWS Bedrock, AI-Powered Content Generation, n8n Workflow Automation, Telegram Bot Integration
Tools & Development Environment	Visual Studio Code, Cursor
Payment Gateway Integrations	Stripe Payments, PayQuicker, Now Payments (Crypto Payment)
Version Control & Collaboration	Git, Bitbucket

PROJECT PORTFOLIO

Whitecup CRM

Role: Software Professional

Technology: PHP, Yii Framework, MySQL, jQuery, Redis, REST APIs, IIS, Git

Description:

White Cup CRM is an enterprise B2B Customer Relationship Management platform that enables sales and service teams to manage accounts, contacts, opportunities, quotes, service cases, and marketing campaigns. The system integrates with Prophet 21 (ERP), IMAP, and Microsoft Graph for customer and email synchronization, exposes REST APIs for mobile applications, supports workflow automation and web lead capture, and leverages AI-powered features for meeting summaries and account insights.

Responsibility:

- Independently designed, developed, and delivered enhancement requests and new functionalities in accordance with project timelines.
- Provided production support and resolved bugs reported by the product and QA teams to ensure application stability and reliability
- Designed and developed RESTful APIs to support mobile application integration and seamless data exchange.
- Participated in Agile ceremonies including sprint planning, daily stand-ups, and requirement analysis.
- Performed troubleshooting, debugging, and issue analysis to maintain system performance and user experience.

FPMARKETS

Role: Full Stack Developer

Technology: PHP, Laravel, Yii, Reactjs, JavaScript, jQuery, and MySQL.

Description:

FP Markets is an enterprise web-based trading platform that enables users to trade through both web and mobile applications. The platform integrates with leading banking and non-banking financial institutions through APIs to provide deep liquidity, competitive pricing, and efficient market execution.

Responsibility:

- Designed, developed, and integrated backend APIs to support front-end functionality and ensure seamless application performance.
- Developed and delivered application modules based on sprint tasks and requirements managed through JIRA.
- Created and maintained CRON jobs for database management, scheduled processes, and automated system operations.
- Monitored application and activity logs to identify issues, troubleshoot errors, and ensure system reliability.
- Designed and implemented email functionalities.

BEMODO

Role: Senior Software Engineer

Technology: PHP, Laravel, MySQL.

Description:

Bemodo is a WooCommerce-based e-commerce marketplace that enables customers to purchase products and vendors to sell their products through a unified platform. The application supports multiple user roles with profile management and order processing capabilities. Users are rewarded with credits and bucks based on their purchases, providing an enhanced loyalty and rewards experience.

Responsibility:

- Designed, developed, and integrated RESTful APIs to support front-end functionalities and seamless communication between application layers
- Implemented backend functionalities using REST and SOAP web services for internal modules and third-party integrations.

- Designed and developed dynamic email templates and notification workflows using the SendGrid Email Platform.
- Integrated SMS notification services using Twilio to facilitate real-time communication and user engagement.
- Implemented and integrated multiple payment gateways, including Stripe, PayQuicker, and NOWPayments (Cryptocurrency Payments), to support secure and flexible payment processing.
- Performed requirement analysis and developed proof of concepts (POCs) for third-party API integrations.

IBPS BANK APPLICATION

Role: Software Developer

Technology: PHP, JavaScript, jQuery, and MySQL.

Description:

Developed a web-based registration platform for a banking institution that enables candidates to apply for bank examinations. The application allows users to complete profile registration, submit educational details, make online payments, and download admit cards upon successful registration. The system was designed to support large-scale registrations and streamline the examination application process.

Responsibility:

- Reviewed requirements and specifications on a regular basis with the product owner.
- Developed and maintained the registration workflow, enabling candidates to capture personal and educational information and complete the application process through secure online payments.
- Coordinated User Acceptance Testing (UAT) activities and shared releases with the client to validate business requirements.
- Implemented client-requested enhancements and change requests (CRs) to improve system functionality and user experience.
- Developed and maintained CRON jobs to automate registration updates, generate application statistics, and monitor database status.
- Performed production deployments and release activities following sprint completion and change management processes.

ACHIEVEMENT AND REWARDS

- Standout Performer Award - Recognized for outstanding contributions at **Vthink Global Technologies**.
- Learner Award - Received from **Optisol Business Solution Limited** for successfully completing ReactJS learning and demonstrating continuous skill development.

Certifications:

- Generative AI: Working with Large Language Models
- AI Fluency Framework & Foundations