

S. Sankara Subramanian

Full Stack Engineer | PHP & Python | APIs & Automation (n8n)

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[LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Full Stack Engineer with 10+ years of experience designing and scaling backend systems using PHP (CodeIgniter and Laravel) and Python (Fast API), along with modern frontend frameworks like React.

Expert in building high-performance APIs, payment integrations, and automation systems (n8n, Mage AI), significantly reducing manual effort and improving operational efficiency.

Strong experience in system optimization, distributed architectures, and delivering reliable, scalable applications used by large user bases.

SKILLS

Languages: PHP, Python, JavaScript

Frameworks & Libraries: Laravel, CodeIgniter, Fast API, Django, Flask, React, Next.js

Databases & Caching: MySQL, MongoDB, PostgreSQL, Redis

Tools & DevOps: Git, Docker, CI/CD, AWS, GCP, n8n, Mage AI

Integrations: Razorpay, Zoho Sign, Zoho Sheet, SMS, WhatsApp, IVRS, Air Table

Core Expertise: REST API Development, System Design, Performance Optimization

PROFESSIONAL EXPERIENCE

AI-Powered Full Stack Engineer (Freelance)

Nexilra Technology, Bangalore

Jun 2025 – Present

- Developed and deployed scalable web applications (E-commerce, HRMS) using Laravel, Vue.js, MySQL, and Razorpay integration
- Built a high-performance news platform using Fast API and Next.js, ensuring fast response times and optimized user experience
- Designed and implemented AI-powered automation workflows using n8n integrated with OpenAI and Gemini, reducing manual operations
- Automated multi-channel communication workflows (Telegram, WhatsApp) for intelligent conversational systems
- Leveraged AI-assisted development tools to accelerate delivery, improve code quality, and streamline documentation processes

Full Stack Engineer

Bosswallah Technology Pvt Ltd, Bangalore

Jan 2023 – May 2025

(Previously Suvision Holdings Pvt Ltd; acquired by Bosswallah in 2025)

- Developed and scaled REST APIs using Laravel and Fast API, improving system performance by up to 40%
- Led migration of legacy CodeIgniter APIs to Fast API, reducing response time and improving maintainability
- Integrated Razorpay payment gateway, enabling secure and seamless transactions across platforms
- Implemented Zoho Sign workflows, automating document processing and reducing manual effort
- Optimized SQL queries and implemented Redis caching, significantly improving performance and load times
- Built multi-channel communication systems (SMS, WhatsApp, email, push notifications)
- Developed automation workflows using n8n and MageAI, reducing manual operations by 50%+
- Rebuilt frontend using React.js, improving UI performance and user experience
- Supported applications used by thousands of active users with high availability

Senior Software Developer / Team Lead

Annap Interactive Solutions Pvt Ltd

Mar 2015 – Dec 2022

- Delivered 15+ enterprise applications (CRM, CMS, HRMS) using PHP, CodeIgniter, Laravel, and Python
 - Improved system performance by 70% through database optimization, Redis caching, and search indexing
 - Integrated APIs including Twilio, Exotel, WhatsApp, Mailchimp, Zoho, and Airtable
 - Led a team of 6 developers, improving delivery speed by 30% through Agile practices and code reviews
 - Designed scalable backend systems handling high user traffic and large datasets
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PROJECTS

JustFact.net

Tech: Python, FastAPI, MySQL, JWT, Gemini AI, GCP

- Built a news aggregation and publishing platform using FastAPI, ensuring secure and efficient data processing
- Implemented JWT-based authentication for secure user access and API communication
- Integrated AI (Gemini) for content summarization and fact-checking, improving editorial workflow efficiency
- Deployed and managed infrastructure on GCP, ensuring scalability and high availability

Houseofkausheya.com

Tech: Laravel, MySQL, Razorpay, Tailwind CSS, GCP

- Developed and launched an e-commerce platform with product and order management features
- Integrated Razorpay payment gateway and email services for automated transactions and notifications
- Designed a responsive frontend using Tailwind CSS, improving user experience across devices
- Deployed on GCP with optimized performance and scalability

Expert Connect Platform

Tech: Fast API, CodeIgniter, Laravel, MySQL, MongoDB, Redis, Razorpay

- Built secure REST APIs for expert onboarding, payments, and session management
- Implemented real-time session tracking and automated earnings calculation
- Designed role-based authentication and optimized database queries for performance

Website & Subscription System

Tech: Fast API, MongoDB, Redis, Firebase, Razorpay

- Developed subscription and payment APIs with webhook integration
- Improved performance and session management using Redis caching
- Automated user communication via SMS, WhatsApp, and email notifications

ffreedom App API

Tech: CodeIgniter, Laravel, Python, Redis, Zoho Sign, AWS, GCP

- Automated certificate and invoice generation using dynamic PDF processing
- Integrated eSignature workflows and cloud storage systems
- Optimized performance through caching and scalable API architecture

Chatmaxima.com

Tech: CodeIgniter 4, MySQL, Redis, Bootstrap, AdminLTE, Twilio API, WhatsApp API, Meta API

- Developed a unified communication platform integrating multiple channels including SMS, WhatsApp, Instagram, Facebook, Twitter, Slack, Telegram, and Web Chat
 - Built a centralized dashboard to manage incoming and outgoing messages with real-time response capabilities
 - Implemented drag-and-drop chatbot builder to automate conversations and improve user engagement
 - Optimized conversation workflows and enhanced data security for reliable and scalable communication handling
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EDUCATION

MBA (Correspondence)

Alagappa University | 2017 – 2019

MCA (Master of Computer Applications)

National Engineering College | 2010 – 2013

B.Sc. Computer Science

St. John's College | 2007 – 2010

ACHIEVEMENTS

Best Employee Award – Suvision Holdings Pvt Ltd (Dec 2023)

- Recognized for developing a partner management module that improved workflow efficiency by 35%
- Promoted twice for consistently exceeding delivery KPIs and leading successful project rollouts
- Commended for code quality and innovation during internal peer reviews