

Saravana Bhava

Senior Software Engineer | Technical Lead | Full-Stack Architect

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🌐 <https://sazm.in>

Professional Summary

Senior Software Engineer with **20+ years of experience** designing, developing, modernizing, and maintaining production web applications, e-commerce platforms, content management systems, and business-critical software solutions.

Delivered **100+ production systems** across healthcare, e-commerce, education, media, real estate, nonprofit, professional services, and enterprise domains.

Strong expertise in full-stack development, software architecture, platform modernization, performance optimization, API-driven systems, cloud-native infrastructure, and long-term maintainability.

Experienced in technical leadership, stakeholder collaboration, project ownership, and end-to-end delivery from requirements analysis through deployment, optimization, and ongoing support.

Career Highlights

- 20+ years of professional software engineering experience
 - Delivered 100+ production systems and web platforms
 - 15+ years of technical leadership and project leadership experience
 - Extensive experience across healthcare, e-commerce, education, media, real estate, nonprofit, and enterprise sectors
 - Full-stack expertise spanning frontend, backend, databases, APIs, CMS platforms, DevOps, and cloud infrastructure
 - Proven track record modernizing legacy systems and improving platform performance, scalability, and maintainability
 - Strong experience collaborating with clients, stakeholders, designers, and engineering teams
 - Independent Software Engineer and Consultant since 2024
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Technical Skills

Frontend Development

- React
- Next.js
- Astro
- JavaScript (ES6+)
- TypeScript
- HTML5
- CSS3
- Tailwind CSS
- jQuery

Backend Development

- PHP
- Node.js
- Laravel
- CodeIgniter
- REST APIs
- Authentication Systems
- Payment Gateway Integrations

Databases

- MySQL
- PostgreSQL
- SQLite
- MongoDB
- Redis

CMS Platforms

- Payload CMS
- WordPress
- Joomla
- Drupal

- Squarespace
- Wix

E-Commerce Platforms

- WooCommerce
- Magento
- OpenCart
- Shopify
- BigCommerce
- PrestaShop

Cloud & Infrastructure

- Cloudflare
- AWS
- Google Cloud
- Vercel
- Docker
- Nginx
- Apache
- CI/CD Pipelines

Architecture & Engineering

- Software Architecture
- System Design
- Platform Modernization
- Performance Optimization
- Headless CMS Architecture
- API-Driven Systems
- SEO-Focused Development
- Technical Leadership
- AI-Assisted Development

Version Control

- Git

- GitHub
 - GitLab
 - SVN
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Professional Experience

Independent Software Engineer / Consultant

October 2024 – Present

Focus Areas

- Full-Stack Development
- Platform Architecture
- Headless CMS
- AI-Assisted Systems
- Performance Optimization
- SEO Optimization

Key Responsibilities & Achievements

- Deliver end-to-end engineering services for modern web applications and business platforms.
- Design scalable and maintainable architectures using modern JavaScript frameworks and cloud-native infrastructure.
- Lead projects from discovery and planning through deployment and ongoing optimization.
- Advise clients on platform modernization, technical strategy, scalability, and performance.
- Build secure authentication systems, payment workflows, API integrations, and automation pipelines.

Selected Projects

- **SazM** – Modern content-driven platform built with Astro and modern web architecture focused on performance, maintainability, and SEO.
 - **Reelvo** – AI-powered short-form content automation platform supporting content generation, scheduling, publishing, and analytics.
 - **TrustAds** – Advertising management and reporting platform providing centralized campaign visibility and performance tracking.
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Weismann Web

Senior Software Programmer & Project Lead

January 2018 – September 2024

Key Responsibilities & Achievements

- Led delivery of 70+ production platforms across healthcare, education, e-commerce, nonprofit, real estate, and service industries.
- Owned the complete software development lifecycle including architecture, development, deployment, and support.
- Designed and implemented CMS-driven platforms, business applications, and custom administrative systems.
- Built and optimized high-traffic e-commerce systems with secure payment workflows and performance-focused architecture.
- Served as technical lead and client-facing engineering partner.
- Led modernization initiatives that improved maintainability, scalability, and long-term platform health.

Selected Projects

- Stoneledge Farm
- Hamilton Jewelers
- Meta Life Center
- Unity Albany

Vivid Infotech Software Solutions Pvt. Ltd.

Senior Software Programmer & Team Lead

April 2010 – December 2017

Key Responsibilities & Achievements

- Designed, developed, and maintained custom web applications, marketplaces, and social platforms.
- Led and mentored engineering teams while remaining actively involved in architecture and implementation.
- Built real-time systems, payment integrations, and advanced administrative workflows.
- Worked closely with stakeholders to deliver scalable, reliable, and business-focused solutions.

Selected Projects

- Flat Fee
 - Rentals and Roommates
 - Digital Traderz
 - Hubplex
 - Globe Pick
 - Writosphere
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IMedia

Software Programmer

January 2010 – March 2010

Key Responsibilities & Achievements

- Developed API-driven platforms and secure payment systems.
- Built booking and e-commerce solutions focused on reliability and user experience.

Selected Projects

- Le Moteur De La Recherche
 - Le temps d'une bulle
 - Europharma
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Infowave Knowledgeware

Module Lead & Senior Web Applications Programmer

October 2006 – December 2009

Key Responsibilities & Achievements

- Built enterprise-grade web applications across education, healthcare, real estate, and classified domains.
- Participated in architecture, module design, development, testing, and performance optimization.
- Worked across the full SDLC delivering scalable and maintainable software systems.

Selected Projects

- Liberty Institution
- Global Delivery System

- Interactive House
 - Good Land Deals
 - Florida Spine Institute
 - Johnson Law Group
 - My Citys List
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Education

Bachelor of Engineering (Information Technology)

Manonmaniam Sundaranar University

2000 – 2004

First Class

Certifications & Awards

- Pillar of VIVID Award — Vivid Infotech Software Solutions (2015)
 - NetPro Certified Networking Engineer (2004)
 - C & Java Certification — Sun I Tech (2006)
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Project Portfolio

Portfolio: <https://sazm.in/projects>

Highlights

- 100+ production systems delivered
 - E-commerce platforms
 - Healthcare systems
 - Real estate platforms
 - Educational systems
 - Social networking applications
 - Media and publishing platforms
 - Business and enterprise applications
 - Nonprofit and community platforms
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Additional Information

- Available for Senior Software Engineer, Lead Engineer, Staff Engineer, Principal Engineer, Solutions Architect, and Technical Lead opportunities.
- Extensive experience working directly with stakeholders and translating business requirements into scalable technical solutions.
- Strong background in platform modernization, architecture reviews, performance optimization, and long-term platform maintenance.