

MILAN SALVI

🌐 <https://milansalvi.com> • ✉️ milansalvi999@gmail.com • ☎️ +91 78875 66152
Shree Satyam CHS Ltd., B-104, Sai Section, Ambernath, Maharashtra, India – 421501

Professional Summary

Experienced Software Engineer specializing in Artificial Intelligence and scalable software solutions. Expertise in developing AI-driven models, automation systems, and full-stack applications using Python, C++, and modern frameworks. Proven track record of delivering innovative AI solutions to optimize processes, enhance decision-making, and drive business value. Adept at leading cross-functional teams and collaborating effectively to meet business and technical goals.

Technical Skills

Programming Languages:

C, C++, Python, Java, PHP, Kotlin, JavaScript/TypeScript, VBA, HTML5, CSS

Frameworks & Libraries:

React.js, Node.js, UI development, jQuery, Bootstrap, TensorFlow, Gradio

Database Management:

MySQL, PostgreSQL, Supabase, Database optimization, SQL integration

Software Development:

Full-stack development, API integration, Web application development, Mobile application development, SaaS application development

Performance & Optimization:

Machine learning, Application performance optimization, Database tuning, Scalability solutions, Modular application design

Machine Learning:

Model development, AI-driven financial analysis, Automation of tasks using AI, Natural Language Processing (NLP), Computer Vision, LoRA (Low-Rank Adaptation) fine-tuning

Version Control & Collaboration Tools:

Git proficiency, GitHub

Cloud & Hosting:

Hosting optimization (PHP/MySQL/PostgreSQL environments), Shared hosting management, Supabase integration, XAMPP

UI/UX Development:

Responsive design principles, Cross-platform compatibility, Accessibility standards

Other Specialist Tools & Skills:

VBA scripting, SAP (ABAP and FICO), QuickBooks integration, Tally ERP

Professional Experience

Senior Software Engineer – AI & Automation

Leena Software Solutions, Mumbai, India | May 2014 – Present

- Designed and deployed AI-driven data pipelines, reducing processing latency by 35%.
- Developed predictive maintenance models using Python and TensorFlow, saving \$50K in downtime annually.
- Optimized cloud-hosted AI applications using Supabase integration, achieving 25% cost reduction.
- Led a team of 4 engineers to deliver a scalable NLP-based chatbot integrated with RESTful APIs.
- Improved software performance by resolving bottlenecks, boosting speed by 30%.

Senior Audit Manager – SAP Systems

MPK Associates Chartered Accountants, Mumbai, India | May 2012 – April 2014

- Directed 9+ SAP implementation projects, achieving 40% cost savings for clients.
- Automated key financial reporting processes using advanced SAP tools, reducing turnaround time by 25%.
- Designed intuitive dashboards for financial analysis, improving decision-making speed by 30%.

Assistant Software Project Manager

Leena IT Solutions, Mumbai, India | June 2007 – May 2014

- Managed cross-functional teams to deliver 12+ projects on time and within budget.
- Improved project delivery time by 15% through effective resource allocation and task delegation.
- Enhanced client satisfaction by implementing iterative product feature updates.

Projects

AI Project: Financial Forecasting Model

- Developed an AI-driven model using Python and TensorFlow for financial forecasting, achieving a 25% improvement in accuracy.
- Deployed the model using Supabase for real-time predictions, reducing response times by 40%.

AI Automation for Inventory Management

- Built an inventory optimization system using machine learning, reducing overstocking costs by 15%.
- Developed modular applications to ensure high availability and scalability.

Predictive Maintenance System

- AI-driven system for predicting equipment maintenance needs, reducing downtime by 35%.

AI Reader

- Intelligent document processing system that extracts, analyzes, and summarizes text from various document formats using advanced OCR and NLP techniques.

Dynamic Dashboard

- Interactive dashboard with sortable and draggable cards, featuring real-time analytics, revenue tracking, and customizable layouts for better data visualization.

E-Commerce Platform

- Full-stack e-commerce solution with real-time inventory management and analytics.

Workflow Automation Tool

- Automated workflow system that reduced manual processing time by 75%.

Professional Resume Website

- A modern, responsive resume website showcasing professional experience, skills, and qualifications. Features clean design, easy navigation, and downloadable resume functionality.

AI-Powered Image Generation

- Type a creative prompt and generate stunning AI-generated images! Built with Gradio and Python, this tool leverages advanced AI models to transform text descriptions into unique visual artwork.

Multi-Image Story Generator

- Transform multiple images into one captivating, comprehensive story with the power of AI! Upload a collection of images and watch as the system weaves them into a coherent narrative that connects all visual elements.

Image-to-Audio Story Creator

- Transform your images into captivating audio stories with AI! Upload multiple images and customize story preferences including genre, time period, tone, and more to create unique narratives brought to life through audio.

NextWave Platform

- Lightning-fast SaaS platform delivering exceptional performance with 99.9% uptime! Built with Next.js, this modern solution features fully responsive design, SEO optimization, and flexible subscription plans tailored for both startups and enterprise clients.

Code Formatter & Beautifier

- Transform messy, minified code into clean, readable formats with just one click! This versatile tool supports multiple languages, offers customizable formatting options, syntax validation, and includes a handy snippet library for saving your commonly used code patterns.

Kids Games Hub

- A colorful collection of 100+ educational games for children! Features classic games like Tic-Tac-Toe and Snake alongside educational activities such as Math Quiz, ABC Clicker, and Solar System Quiz. Each game is designed with vibrant visuals and simple controls perfect for young learners.

Project Folder Structure

- Powerful tool for visualizing and organizing complex file hierarchies! Upload your project files to generate an interactive tree-view of your folder structure, making it easy to understand and manage large projects with multiple directories and files.

TinyIMAGES Compressor

- Revolutionary image compression that reduces file sizes by up to 90% without losing quality! Simply drag and drop your images, adjust the quality slider to find the perfect balance, and download your optimized images for faster websites and reduced storage needs.

Website Downloader

- Powerful tool for downloading entire websites including HTML, CSS, JavaScript, images and more! Perfect for creating offline backups, website migration, or learning from existing websites by examining their code structure and assets.

Merged LoRA Model Hosted on Hugging Face

- Application that Trains and Merges LoRA fine-tuned models into base models (like facebook/opt-1.3b) and uploads them to Hugging Face. Enables remote inference via Hugging Face's Inference API for public or private access, perfect for sharing models and deploying them in production or client applications!

Interactive Chatbot Using Fine-tuned LoRA Model with Gradio

- Local Gradio-based chatbot interface for interacting with fine-tuned and merged LLMs like OPT-1.3B with LoRA. Loads models directly on your GPU for real-time question-answer interactions through a clean, dark-themed UI. Perfect for testing custom-trained models in an intuitive interface!

PHP Chat UI with Backend Python Inference using Fine-tuned LoRA Model

- Real-time chatbot UI built with PHP and JavaScript that sends user questions to a local Python script. Loads fine-tuned and merged LLM models to generate AI responses without relying on external APIs. A completely self-hosted solution for deploying custom language models in interactive applications!

Education

Bachelor of Commerce

St. Xavier's College, Mumbai, India | April 2001

- Scholarship Recipient: The Late Squadron Leader O.J. D'Sena Award (1999)

Certifications

- St. Xavier's College, Computer Centre (April 2000)
- Brain Point Institute of Computer Education (June 2001)
- Raj Software Technology India Ltd. (April 2002)
- NIIT, Object-Oriented Programming (April 2011)
- NIIT, Developing Mobile Applications (February 2012)
- P.C. Point Computer Education Centre (June 2014)