



Golang, Python, Nodejs | Nirav Jobanaputra- Senior Full stack AI developer



Profile

PROFESSIONAL SUMMARY

Senior Full Stack Developer with 9 years of experience building scalable web applications, microservices architectures, and AI-powered systems. Expert in JavaScript, TypeScript, Python, Node.js, React, and Golang. Proven track record architecting enterprise solutions serving 1M+ users with 99.9% uptime. AWS Certified professional specializing in cloud infrastructure, DevOps automation, and Generative AI integration. Strong background in team leadership, system design, and delivering high-performance applications.

Core Expertise: Full Stack Development, Backend Engineering, Software Development, Cloud Architecture, Microservices, API Development, Generative AI, LLM Integration, DevOps, Team Leadership, System Design, Agile Development

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, Node.js, Golang, SQL, PHP, HTML5, CSS3, Bash

Frontend Development: React.js, Nuxt.js, Vue.js, Angular, Redux, TypeScript, Material-UI, TailwindCSS, Webpack, Responsive Design

Backend Development: Node.js, Express.js, NestJS, Fastify, Python, FastAPI, Flask, Django, Golang, Gin, Echo, PHP, Laravel, RESTful APIs, GraphQL, gRPC, WebSockets, Microservices

Databases: PostgreSQL, MySQL, MongoDB, Redis, DynamoDB, Elasticsearch, Vector Databases (Pinecone, FAISS, Weaviate, Milvus), Database Design, Query Optimization, ORM (Sequelize, Prisma, SQLAlchemy)

Cloud & DevOps: AWS (EC2, S3, RDS, Lambda, ECS, EKS, CloudFormation, API Gateway), Docker, Kubernetes, Terraform, CI/CD (GitHub Actions, GitLab CI, Jenkins), Monitoring (Prometheus, Grafana, CloudWatch), Nginx

Generative AI & Machine Learning: LangChain, LangGraph, LlamaIndex, OpenAI API, Anthropic API, GPT-4, Claude, Llama 3, RAG (Retrieval Augmented Generation), Embeddings, Vector Search, Semantic Search, Prompt Engineering, Agentic AI, Multi-Agent Systems, Function Calling, LLMOps, Hugging Face, PyTorch, TensorFlow

Architecture & Design: Microservices Architecture, Serverless Architecture, Event-Driven Architecture, System Design, Design Patterns, Domain-Driven Design, SOLID Principles, Scalability, High Availability, Load Balancing

Testing & Quality: Unit Testing, Integration Testing, E2E Testing, TDD/BDD, Jest, Pytest, Cypress, Playwright, Test Automation, Code Coverage

Message Queues: Apache Kafka, RabbitMQ, Amazon SQS, Redis Pub/Sub, Event Streaming, Asynchronous Processing

Version Control & Collaboration: Git, GitHub, GitLab, Code Review, Agile, Scrum, Kanban, Jira, Sprint Planning

Security: OAuth 2.0, JWT, Authentication, Authorization, API Security, SSL/TLS, RBAC, CORS, Security Best Practices



Details

Contact Information

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Profiles

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GitHub: github.com/nirav011992

LeetCode: leetcode.com/niravniravnirav12345



Work Experience

01/2025 – present
Banglore, India

Technical Lead / Senior Full Stack Developer / Individual Contributor

Encora Inc

- Developed 3 enterprise full stack applications using Reactjs, **Golang**, Node.js, **Python**, serving 1M+ users with 99.9% uptime, increasing user engagement by 45% and generating \$2M additional annual revenue
- Built 50+ production RESTful APIs and GraphQL endpoints with Express.js, FastAPI, NestJS, Golang Gin, Echo handling 2M+ daily requests, improving throughput by 300% and reducing response time by 60%
- Engineered high-performance microservices using Golang Gin framework processing 500K+ concurrent requests, achieving 10x faster response times and reducing server costs by 25%
- Designed production Generative AI systems with LangChain, LangGraph, OpenAI GPT-4, Claude API, automating 70% of customer support queries, reducing resolution time by 60%, saving \$500K annually
- Built RAG pipelines using Python, FastAPI, vector databases (Pinecone, FAISS, Weaviate), embeddings processing 100K+ documents, improving search accuracy by 85%
- Developed AI-powered chatbots and multi-agent systems with LangChain, React serving 50K+ monthly users, increasing satisfaction by 40%, reducing manual processing time by 75%
- Architected microservices and event-driven architectures using Node.js, Golang, Python, gRPC, Kafka, RabbitMQ, SQS on AWS, improving scalability by 400%

06/2024 – 01/2025
Banglore, India

Technical Lead / Senior Backend Developer / Individual contributor

Valuelabs

- As a Fullstack developer I have developed multi-tenant e-commerce platform using React, Python FastAPI, Golang Gin handling 100K+ concurrent shoppers with 99.99% uptime, processing \$50M+ annual transactions and increasing revenue by 35%
- Built 40+ high-performance REST APIs and GraphQL services with Python FastAPI, Golang Gin, Echo for product management, orders, payments processing 2M+ daily requests, improving throughput by 250%
- Engineered microservices using Golang achieving 5x faster response times compared to alternatives, reducing API latency by 60% and server costs by 30%
- Integrated Okta authentication with JWT and RBAC using Python securing 10,000+ users across multiple tenants, reducing security incidents by 60%
- Optimized PostgreSQL and MongoDB queries with Redis caching reducing response time by 35%, improving database performance by 50%
- Built responsive frontend with React, TypeScript, Redux, TailwindCSS increasing mobile conversion by 30%
- Deployed infrastructure on AWS using Docker, Kubernetes, Lambda, RDS with Terraform reducing costs by 20%
- Coordinated cross-functional teams of 12+ using Agile accelerating releases by 40%, improving sprint velocity by 35%

07/2023 – 06/2024
banglore, India

Senior Software Engineer / Backend Developer Unilog(via infopine)

- Cut time-to-market by 20% via agile process optimization and continuous integration practices for enterprise clients
- Achieved 90% faster development cycles and 30% efficiency gains through DevOps practices and automated testing
- Mentored 6 engineers in full stack development and cloud best practices, implementing responsive design standards
- Built scalable APIs handling 500K+ daily requests with unit testing coverage of 85%
- Implemented microservices architecture reducing system downtime by 60% and improving overall performance



Work Experience

05/2022 – 06/2023
noida, india

Senior software engineer / golang impressico bussiness solutions

- Developed full stack applications using React, Next.js, Golang Gin, Python FastAPI processing 10TB+ daily data volumes, improving system performance by 45% and reducing infrastructure costs by 25%
- Built 30+ high-performance RESTful APIs with Golang Gin, Echo, Python FastAPI serving 1M+ monthly active users with 99.9% uptime, achieving sub-100ms response times and handling 500K+ concurrent requests
- Engineered Generative AI solutions with LangChain, OpenAI GPT-4, Claude API integrated into React dashboards, automating 65% of data analysis tasks and reducing processing time by 50%, saving \$300K annually
- Implemented AI-powered data pipelines using Python, LangChain, vector databases (FAISS, Pinecone) processing 100K+ documents, improving data accuracy by 80% and enabling intelligent search capabilities
- Developed responsive frontend interfaces with React, TypeScript, TailwindCSS featuring real-time data visualization and mobile-first design, increasing user engagement by 40%
- Deployed microservices on AWS using Docker, Kubernetes, Lambda with CI/CD pipelines reducing deployment time by 70%
- Mentored 8+ engineers on Golang, Python, React, and AI integration best practices, improving code quality by 60% and delivery speed by 50%

11/2021 – 04/2022
banglore, india

Full Stack Developer / LeadSoftware Engineer / python innowave

- Led cross-functional team of 5 developers improving productivity by 40% and code quality through automated testing
- Advocated collaborative, innovative product development using Vue.js, React.js, Python, Flask, and Node.js
- Implemented DevOps practices including Docker, Kubernetes, and CI/CD pipelines reducing deployment time by 50%
- Built microservices architecture handling 100K+ concurrent users with responsive design and mobile development focus
- Delivered 3 major product features ahead of schedule with zero production incidents

11/2018 – 11/2021
rajkot, india

Lead Software Engineer / Full Stack Developer 7technosoft

- Streamlined product development processes reducing time-to-market by 20% and improving customer satisfaction scores by 35%
- Collaborated with stakeholders to increase customer acquisition by 30% and retention rates through enhanced user experience
- Led development of responsive design solutions using Vue.js, React.js, Python, and Node.js serving 250K+ users
- Implemented continuous integration practices and unit testing frameworks improving code quality by 60%
- Built scalable backend systems with API development expertise handling 2M+ monthly transactions

08/2016 – 11/2018
rajkot, india

Senior software engineer / Back End Developer RNSB limited

- Improved website performance by 50% and reduced load time by 20% through database optimization and responsive design implementation
- Migrated legacy systems to modern architecture cutting maintenance effort by 40% and operational costs by \$200K annually
- Built RESTful APIs with cross-browser compatibility serving 500K+ monthly users across web and mobile platforms
- Implemented database design and optimization strategies improving query performance by 65%
- Delivered 5 major system upgrades with zero downtime using DevOps practices and automated deployment



Education

04/2009 – 04/2013

computer science | b.tech charusat



Projects

code audit system (premium USA product)

- Developed a Healthcare Code Audit Platform serving 1M+ users with 99.99% uptime and sub-100ms latency, enabling seamless clinical documentation and coding audits. Built on NestJS, Node.js, python, golang aws and TypeScript, it utilized a microservices architecture deployed via Kubernetes and Docker. Integrated PostgreSQL, Elasticsearch, and Redis for optimized querying, caching, and high-speed data access. Implemented Kafka for real-time event streaming and HashiCorp Vault for secure credential management.

Code Reference Service — Healthcare Document Parsing System

- Architected and developed a high-performance document parsing and processing system for a large-scale healthcare platform, handling thousands of documents daily. Built using Node.js, TypeScript, and NestJS for scalable backend microservices, and Vue.js/React.js for dynamic and intuitive front-end interfaces. Implemented robust data extraction, validation, and workflow automation, improving document processing speed and accuracy by 40%+.

CobraAI - Test co-pilot with RAG, LangGraph [premium AgenticAI product]

- Developed an AI-powered test automation platform using OpenAI, RAG, LangChain, and LangGraph to intelligently generate and optimize test cases. Implemented vector search with FAISS/Pinecone for semantic similarity matching, reducing duplicate tests by 70%. Built FastAPI microservices integrated with PostgreSQL and vector databases. Designed stateful workflows using LangGraph and AgentKit for autonomous testing agents. Deployed on Azure (AKS, Functions) with Terraform IaC. Integrated N8N for workflow orchestration and MCP for AI communication.

Paxafe Logistics Platform | \$9M Funded Startup

- Developed emerging logistics product with \$9M funding, achieving 200% year-over-year growth
- Architected scalable platform handling 50K+ daily shipments with real-time tracking capabilities
- Built RESTful APIs processing 500K+ transactions daily with responsive design and mobile-first development

Keystone E-commerce Platform | Enterprise CRM Solution

- Developed comprehensive e-commerce platform comparable to Salesforce/Zoho CRM functionality
- Utilized React.js, Vue.js, Python, Docker, and AWS to deliver scalable multi-tenant architecture
- Optimized system to handle 10K+ concurrent requests with integrated payment processing and inventory management

Mhyntach AI Chatbot | Customer Service Automation

- Spearheaded chatbot automation project using Golang, Gin, Twilio, and OpenAI APIs
- Enhanced conversational capabilities through NLP algorithms serving 1K+ customer interactions monthly
- Improved customer satisfaction scores by 35% and reduced operational costs by 50%

Hitachi Vendor Management System | Enterprise E-commerce

- Led development using React.js, Laravel, PHP supporting 500+ vendors and 10K+ products
- Implemented role-based access control and automated workflow processes with Agile methodologies
- Delivered project 3 weeks ahead of schedule with 99.99% uptime performance

VIGIE IoT Cooling Management | Smart Sensor Platform

- Engineered IoT product using React.js, Node.js, Express, and MongoDB for industrial cooling management
- Implemented real-time sensor data processing and responsive design analytics dashboard
- Optimized cooling processes resulting in 25% energy savings with cross-device monitoring capabilities

Real Estate Listings Platform | Property Search Application

- Developed responsive web application using React.js and FastAPI,Django serving 50K+ monthly active users
- Implemented user authentication, Google Maps API integration, and mobile-first development approach
- Built advanced search functionality with cross-browser compatibility and 40% improved user engagement



Certificates

Golang Developer Udemy



Certificates

reactjs developer
Udemy

python fullstack developer
udemy

AWS developer Associate

Nodejs developer

MERN stack developer