

NARENDRA AHIRWAR

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Open to Relocation — Available Immediately

PROFESSIONAL SUMMARY

Senior Backend Engineer with 4+ years building **scalable AI-powered systems** and distributed microservices at high-growth startups. Expert in architecting **production-grade LLM applications** using OpenAI Agents SDK, LangGraph, and RAG pipelines serving 1,500+ users. Specialized in high-performance **Node.js/TypeScript** backend development, AWS cloud infrastructure, and real-time systems achieving **99.9% uptime**. Proven track record: **300% performance improvements**, 40% productivity gains, and 35% engagement increases through system optimization and AI integration.

TECHNICAL SKILLS

Languages:	JavaScript (ES6+), TypeScript, Python, SQL, HTML/CSS
Backend & APIs:	Node.js, Express.js, NestJS, FastAPI, RESTful APIs, GraphQL, WebSocket (Socket.io)
AI/ML Stack:	OpenAI APIs (GPT-4, DALL-E), LangChain, LangGraph, OpenAI Agent SDK, RAG Pipelines, Prompt Engineering, LLM Orchestration, Anthropic Claude, Google Gemini, Stability AI, Amazon Bedrock
Databases:	MySQL, MongoDB, Redis, Vector Databases (Pinecone, FAISS, Redis Vector), Aurora
Cloud & Infrastructure:	AWS (Lambda, EC2, ECS, S3, SNS, SQS, RDS, Aurora, CloudWatch), GCP (Vertex AI)
DevOps & Tools:	Docker, Terraform, CI/CD, GitHub Actions, Git, Nginx, RabbitMQ

PROFESSIONAL EXPERIENCE

Senior Software Engineer

February 2025 – January 2026

Gimmefy.ai (Teemuno.com) – Remote, Singapore

- Architected **scalable AI backend platform** integrating **10+ AI models** (OpenAI GPT-4, DALL-E, Gemini, Anthropic Claude, Stability AI, Amazon Bedrock, DeepSeek, Pictory) using **OpenAI Agents SDK and LangGraph**, orchestrating multi-step content generation workflows for text, image, video, and voice serving **1,000+ active users**
- Engineered **production RAG pipeline** with vector databases (Pinecone, FAISS) achieving **95% retrieval accuracy** and **sub-200ms query latency** across 100K+ document corpus, powering AI-driven content recommendations
- Built **real-time notification system** using WebSocket (Socket.io) and Redis pub/sub handling **5,000+ concurrent connections**, delivering 10,000+ daily updates with **99% uptime**, increasing user retention by 25%
- Optimized **AWS infrastructure** with Lambda, SQS, and ECS achieving **99.9% availability, 300% performance improvement**, and 25% reduction in processing time through serverless architecture and queue-based processing
- Developed **AI recommendation engine** using ML-powered personalization serving 1,500+ users, driving **35% higher engagement** through intelligent content suggestions
- Redesigned backend architecture reducing **API response times by 30%** through database query optimization, indexing strategies, and caching layers, enabling **2x concurrent request capacity** without performance degradation
- Integrated Ayrshare social media automation publishing content across multiple platforms from single workflow, reducing manual posting time by 80%
- Implemented comprehensive monitoring with **CloudWatch** and custom dashboards, reducing MTTR by 60% and proactively identifying performance bottlenecks

Software Engineer

December 2021 – February 2025

Kolonizer Real Business Solution – Bhopal, India

- Developed **scalable Node.js backend** for enterprise real estate CRM handling **50K+ monthly transactions**, building RESTful APIs for project, inventory, lead, customer, booking, payment, and finance modules supporting full property lifecycle
- Architected **lead aggregation system** integrating 99acres and 11+ external portals with automated data normalization, deduplication, and routing, increasing lead capture efficiency by **45%**
- Optimized **MySQL database** schemas, relationships, and complex queries achieving **60% query performance improvement** through proper indexing, query refactoring, and materialized views
- Implemented secure **payment workflows** supporting one-time, installment, and EMI-based collections with automated Profit & Loss reporting, processing **10,000+ transactions monthly** with zero discrepancies

- Built robust validation, error handling, and logging framework reducing **production bugs by 40%** and improving system reliability
- Collaborated with cross-functional teams (BA, frontend, QA) in **Agile environment** delivering 25+ production features on schedule with **90% on-time delivery rate**
- Established **CI/CD pipelines** with automated testing achieving 80% code coverage and reducing deployment time by 50%

KEY ACHIEVEMENTS & IMPACT

- **Reduced cloud infrastructure costs by 40%** through serverless migration and resource optimization strategies
- **Improved team productivity by 40%** through AI agent automation and workflow optimization
- **Achieved 99.9% system uptime** across production environments through robust architecture and monitoring
- **Delivered 300% performance growth** through systematic optimization of database queries, API design, and caching

EDUCATION

Bachelor of Engineering in Computer Science

2014 – 2018

Technocrats Institute of Technology & Science, Bhopal, India