

Suresh Kumar

Software Engineer

+91 70091-98859 | sk20012404@gmail.com | [Github](#) | [LinkedIn](#) | [Portfolio](#)

PROFILE:

Innovative software engineer specializing in full-stack development and AI-driven solutions. Experienced in building scalable web applications, intelligent systems, and modern cloud-native architectures using MERN stack, AI/ML frameworks and microservices.

TECHNICAL SKILLS:

- **Backend:** Node.js, Express.js, NestJS, Python, FastAPI,
 - **AI/ML:** PyTorch, OpenAI API, Langchain, Model Context Protocol (MCP)
 - **DevOps:** AWS, Docker, Jenkins, CI/CD
 - **Database:** MySQL, MongoDB, PostgreSQL, Vector Databases
 - **Frontend:** React.js, Next.js, Angular.js, PWA Development
 - **Other:** WebSocket, Redis, Bull MQ, RESTful APIs, Microservices
-

EXPERIENCE:

EnAct e-Services Pvt Ltd | Jan 2023 – May 2025

- Engineered scalable backend architectures using Node.js, Express.js, and NestJS, improving system performance.
- Developed and optimized RESTful APIs and implemented AI-powered features for enhanced user experience
- Integrated secure payment gateways (Stripe) and third-party APIs (Twilio, Google APIs, OpenAI)
- Automated deployment pipelines using Docker, Jenkins, and AWS, reducing deployment time.

DuckMa Srl (Rezzato, Italy) | May 2025 – October 2025

- Contributing to full-stack development of intelligent digital products including AI-powered mobile apps and IoT platforms
- Implementing machine learning models and AI integrations across healthtech, fintech, and IoT domains
- Leveraging modern CI/CD practices with Docker, AWS, and AI/ML deployment pipelines

PROJECTS:

AI Content Optimizer | *Python, FastAPI, OpenAI API, TensorFlow*

Built an intelligent content optimization platform integrating OpenAI GPT models for automated content generation and evaluation. Designed and curated training datasets to fine-tune AI outputs, resulting in 35% improved engagement rates. Implemented custom ML models with TensorFlow for performance prediction and automated A/B testing.

MatchSharp | *Next.js, Python, AI/ML Integration, AWS, Redis, Stripe*

Built a data-driven betting insights platform that detects value betting opportunities using machine learning models and real-time odds analysis. Developed a scalable backend Python services, with Redis for caching and performance optimization. Implemented secure payments and subscription handling via Stripe.

Fixkart | *Next.js, Node.js, PostgreSQL, AWS*

A device repair management platform that streamlines enquiry tracking, order lifecycle management, and customer follow-ups for repair businesses. Built a scalable REST API backend with Node.js/Express and a modern admin dashboard with Next.js, deployed on AWS with role-based access control for admins and technicians.

GoCluggo | *Angular PWA, NestJS, MongoDB, WebSocket*

Developed a progressive web application connecting artists and club managers through an intelligent matching platform. Built with Angular PWA for offline functionality and real-time chat system using WebSocket. Implemented NestJS backend with advanced user authentication, profile management, and AI-powered recommendation engine for better artist-venue connections.

Hotel-Zone Access Manager | *Next.js, NestJS, PostgreSQL, JWT*

Created a comprehensive hotel access management system enabling zone-based access control for guests, managers, and administrators. Developed role-based authentication with JWT, real-time booking management, and dynamic access permissions for different hotel areas. Implemented audit trails and analytics dashboard for enhanced security monitoring.

Skill-Forge | *Node.js, Express.js, MySQL, Stripe, AWS, Docker*

Built a full-stack learning platform enabling creators to provide individual, group, and subscription-based sessions. Implemented secure Stripe payment processing, RabbitMQ for async job handling, and Docker containerization. Integrated Google and Twilio APIs for seamless communication workflows.