
MANOJ SETHI

SENIOR AI-FIRST FULL-STACK ENGINEER | LLM, AI SCALABLE SYSTEMS ARCHITECT | 10+ YEARS EXPERIENCE

Sahibzada Ajit Singh Nagar, India 160071 ♦ +91 96 4680 1001 ♦ manojfullstackdeveloper.india@gmail.com ♦

WWW: <https://github.com/manojsethi> ♦ LinkedIn: <https://www.linkedin.com/in/sethimanoj/>

PROFESSIONAL SUMMARY

Senior AI-First Full-Stack Engineer with 10+ years of experience building scalable, high-performance applications and next-generation AI-powered systems. Specialized in designing LLM-based architectures, AI agents, pipelines using Open AI, LangChain, and vector databases.

Proven expertise in microservices, distributed systems, and cloud-native architectures across AWS and GCP. Strong track record of delivering intelligent automation, conversational AI, and data-driven products that improve efficiency, reduce costs, and enhance user engagement.

Passionate about building production-ready AI systems beyond prototypes — focusing on scalability, evaluation, and real-world impact.

WEBSITES, PORTFOLIOS, PROFILES

- <https://hooaah.co.kr>
 - <https://kokozi.com/kr>
 - <https://www.mauriceandrewssolicitors.co.uk/>
 - <https://app.perpetualmemoriam.life/>
 - <https://dev.nearnex.com/>
-

SKILLS

LLM Integration (Open AI, GPT-4/5, Claude, OSS LLMs)



Prompt Engineering, Fine-tuning, AI Evaluation & Guardrails



Node.js, NestJS, Express.js, REST & GraphQL APIs



LLMOps, AI Automation, Multi-Agent Systems



Lang Chain, Llama Index, Vector DBs (Pinecone, Weaviate, FAISS)



React.js, Next.js, TypeScript, Tailwind CSS



Embeddings, Semantic Search, Conversational AI, MCP



Microservices, Event-Driven Systems, Scalable Design



PostgreSQL, MongoDB, MySQL, Redis

AWS, Docker, Kubernetes, CI/CD

JWT, OAuth2, Keycloak, WebSockets

Distributed Systems, MLOps, CI/CD, Cloud-native Architectures

Data Pipelines, Real-time Processing

WORK HISTORY

Freelance Full-Stack Developer, 08/2024 - Current

Magnificode – Remote

- Developed scalable web applications using Next.js, NestJS, PostgreSQL, and AWS, improving system performance and reliability
- Integrated AI-powered features using OpenAI APIs, enabling automation, content generation, and intelligent workflows
- Designed microservices architecture with OAuth2 and JWT, improving system security and scalability
- Implemented CI/CD pipelines using GitHub Actions, Docker, and AWS ECS, reducing deployment time and errors

Frontend Engineer, 06/2023 - 08/2024

Hooaah – Remote

- Built responsive dashboards and modules using React, Next.js, Tailwind, and GraphQL
- Improved application performance by implementing code splitting and lazy loading, reducing load times
- Automated deployment workflows, improving release efficiency

Web Developer, 01/2023 - 06/2023

Ellingson – Chandigarh (Remote)

- Developed scalable APIs and real-time systems using WebSockets supporting 15,000+ users
- Optimized database queries, reducing response time by 40%
- Coded websites using HTML, CSS, JavaScript, and jQuery languages.
- Planned website development, converting mockups into usable web presence with HTML, JavaScript, AJAX, and JSON coding.

Backend Engineer, 03/2022 - 01/2023

Kokozi – Remote

- Built event-driven microservices using Kafka and MQTT for scalable communication
- Implemented Keycloak-based authentication, enhancing security
- Monitored distributed systems using Prometheus and Grafana
- Deployed applications using containerization technologies such as Docker, ensuring consistent runtime environments across development, testing, and production stages.

- Developed high-performance RESTful web services to facilitate smooth communication between different components of the application.

Senior Software Developer, 02/2021 - 01/2022

Nook – Chandigarh, India

- Migrated frontend from Angular to React, improving user engagement and conversion rates
- Integrated multiple APIs to create a unified loan processing system

.NET Developer, 06/2017 - 01/2021

EKG Derema – Chandigarh, India

- Developed dashboards managing 1M+ records with real-time analytics
- Improved BI reporting efficiency through automation

Software Developer, 01/2013 - 01/2017

Offbeat Software Solutions – Chandigarh, India

- Built healthcare dashboards handling 5,000+ daily records
- Promoted to Team Lead for delivering high-impact features and mentoring developers

EDUCATION

MBA: Information Technology, 03/2015

SMUDE - Chandigarh, India

B.Tech: Computer Science, 03/2013

DAV Institute of Engineering & Technology - Chandigarh, India

ACHIEVEMENTS

- Awarded Best Team Lead for delivering multiple high-impact features
- Recognized as Employee of the Year for reducing delivery cycles
- Improved frontend performance, reducing bounce rates and increasing engagement

LANGUAGES

English

Upper intermediate (B2)

Hindi

Bilingual or Proficient (C2)