Milind Kumar Sahu

Full-Stack Developer

📱 +91-XXXXXXXXX ✉ milindsahu2000@gmail.com 💼 LinkedIn GitHub 🌐 Portfolio </> Leetcode

Summary

Full-stack developer specializing in **React.js**, **Node.js**, and **AI/ML integration**. Expert in building scalable applications with **LangChain**, **OpenAI GPT**, **Vector Databases**, and **RAG systems**. Proficient in **AWS**, **Docker**, and **CI/CD pipelines**. Solved **150+ DSA** problems with strong problem-solving skills.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Python, HTML5, CSS3, SQL
Frontend: React.js, Next.js, Redux Toolkit, Zustand, Tailwind CSS, DaisyUI, Radix UI, Material-UI, SASS
Backend: Node.js, Express.js, RESTful APIs, JWT, Socket.io, WebSockets, Microservices
AI/ML & RAG: LangChain, OpenAI GPT-4, Embeddings, Vector Search, Qdrant, RAG Systems
Databases: MongoDB, Mongoose, Qdrant (Vector DB), Redis
Cloud & DevOps: AWS (EC2, ECS, S3, ECR, CloudFront, IAM), Hetzner, Docker, GitHub Actions, Cloudflare
Tools: Git, Postman, VS Code, Chrome DevTools, Razorpay, AWS SES, Nodemailer

Experience

Full Stack Developer Intern   May 2025 – July 2025
RegisterKaro   *Gurugram, India*
- Optimized Core Web Vitals, improving website load speed by **80%** using lazy loading and code splitting techniques.
- Developed **React.js components** with real-time **API integration** and enhanced SEO performance.
- Implemented performance monitoring using Lighthouse, optimizing component rendering for faster interactions

Projects

ThinkLM | *AI-Powered Document Analysis Platform* | GitHub 🔗 | Live Demo

Tech Stack: React 19, Node.js, LangChain, OpenAI GPT-4, Qdrant, MongoDB, Docker, GitHub Actions, Hetzner Cloud

- Built production-grade **RAG system** supporting PDFs, URLs, YouTube transcripts, and text input with **LangChain** integration.
- Implemented **vector search** using **Qdrant** with OpenAI embeddings, achieving **95%+ accuracy** with citations.
- Enhanced search with query refinement pipeline using small LLM to preprocess queries before vector search.
- Developed **credit-based system** with real-time token tracking, supporting 20+ concurrent users.
- Created web scraping service extracting content, links, emails from websites (**20+ social platforms**).
- Deployed on **Hetzner Cloud** with Docker and **CI/CD**. Migrated from **AWS EC2/ECS** for cost optimization.

CodersPair | *Social Platform for Developers* | GitHub 🔗 | Live Demo

Tech Stack: React.js, Redux Toolkit, Node.js, Express.js, MongoDB, Socket.io, Razorpay, AWS SES, Docker, Cloudflare

- Developed full-stack social platform with **real-time chat** and **multiplayer games** using **Socket.io** (**50+ concurrent users**).
- Integrated **Razorpay payment gateway** for subscriptions with webhook handling (**100% success rate**).
- Built automated email system using **AWS SES** and cron jobs, processing **500+ emails daily**.
- Deployed on **AWS EC2** with **ECS**, **ECR**, Load Balancers, Security Groups, and IAM roles.
- Integrated **Cloudflare** for CDN and DDoS protection, reducing latency by **40%**.

Education

Shri Shankaracharya Technical Campus   Bhilai, Chhattisgarh
B.Tech, CGPA: 8.43/10   *2019 – 2023*

Courses / Certifications

Crio.do: Fellowship in Software Development (Product Developer) 🔗
Code With Mosh: The Ultimate TypeScript Course 🔗
Coursera: Employability Pilot Program 🔗