

DIPANKAR SAHOO

Full Stack Developer | AI Integration | Workflow Automation

DipankarDsahoo@gmail.com | +91-7384980523 | dipankarsahoo.online



PROFESSIONAL SUMMARY

Full Stack Developer with 4+ years of experience building enterprise CRM applications and scalable web solutions. Experience in AI feature integration, workflow automation (n8n), event-driven architecture (Kafka), and microservices using JavaScript, PHP, Golang, Docker, and AWS.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), PHP (OOP), Golang, HTML5, CSS3, SQL
Frontend: React.js, React Native, Three.js, Responsive Design
Backend: Node.js, Express.js, Laravel, RESTful APIs, Microservices
Automation: n8n (Self-hosted), Workflow Automation, Event-driven Architecture
Communication: Asterisk (Basic), VoIP, WebRTC, slashRTC, Video Calling
DevOps & Cloud: Docker, AWS (Secrets Manager, EC2, S3), Apache Kafka, CI/CD
Databases: MySQL, PostgreSQL, MongoDB, Query Optimization
Design Patterns: Factory, Strategy, Singleton, MVC Architecture

PROFESSIONAL EXPERIENCE

GO DIGIT INSURANCE | Software Engineer

Current

- Developed AI-powered internal CRM application serving 300+ relationship managers
- Integrated voice calling capabilities using Asterisk and WebRTC-based video calling with slashRTC
- Built automated lead distribution system using schedulers and Factory pattern
- Integrated AI-powered call auditing for keyword and sentiment analysis
- Implemented Apache Kafka event streaming for real-time notifications
- Developed automated call transcription using NLP
- Built Golang-based backend for Apache Answer internal Q&A system
- Optimized database queries and implemented caching for improved performance
- Deployed Docker containerization for microservices architecture

CRIO IMPEX PVT LIMITED | Full Stack Developer

2021 – 2024

- Assisted in requirements analysis, HLD, and LLD for client web applications
- Developed custom websites and web applications for clients across multiple sectors
- Built responsive React.js frontends with optimized performance
- Implemented RESTful APIs using Node.js and PHP Laravel
- Collaborated with clients for requirements gathering and technical consultation

PROJECTS

Self-Hosted n8n Workflow Automation | n8n.dipankarsahoo.online

Self-hosted n8n instance for workflow automation and integration projects

Custom MVC Framework | GitHub

PHP MVC framework implementing Factory, Strategy, and Singleton design patterns

3D Interactive Portfolio | dipankarsahoo.online

Interactive Three.js portfolio with optimized cross-device rendering

EDUCATION

Master of Computer Applications (MCA) | Amity University

2021 – 2023

Bachelor of Computer Applications (BCA) | Midnapore College

2018 – 2021

ACHIEVEMENTS

- [Published Design Patterns blog series](#)
- Self-hosted workflow automation infrastructure