

NIKUNJA SARMA

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PROFILE

Full-stack developer with hands-on experience since September 2024, building scalable cloud-based applications using Next.js, NestJS, and Express. Architected multivendor marketplaces and OMS platforms with strong system design principles and distributed patterns. Experienced in Kafka, Redis, BullMQ, AWS SQS, and GitHub-driven CI/CD pipelines. Implemented advanced RBAC and OIDC-based authentication systems for secure, multi-service environments. Integrated AI/GenAI solutions using LangChain and OpenAI APIs. Focused on scalability, performance, and clean, production-grade architecture.

EDUCATION

Bachelor of Computer Applications, Cloud Technology and Information Security

Assam Downtown University
2021 - 2024

Masters of Computer Applications

SRM Institute of Science and Technology
2024- Present

WORK EXPERIENCE

Web Developer

Intern

Teachnook

Jun 2023 - July 2023

- Assisted in the development of web applications using Next.js and React.js.
- Participated in code reviews and debugging sessions.

Full Stack Developer (Fulltime Onsite) (8Months)

Appopen -

2024 - 2025

- Worked on AI based Website builder AI, That build website using Just prompt(like v0, bolt, or lovable)
- Worked on projects involving Production ready react based application development from scratch!
- Worked on multiple projects involving end-to-end React and React Native application development from scratch— including architecture planning, state management, API integration, testing, and deployment.
- Strong experience in backend development with Express.js, building RESTful APIs, handling authentication, and integrating databases.

Synthweb -

2025 - present

- Worked on international multivendor OMS project for <https://freightalliances.com>
- Worked on TypeScript, express backend, Advanced Role based Access control systems, secure Authentication, react,typeorm postgres, docker!

PROJECTS

Aquariusly (APP)

Aquariusly is an AI-powered mobile application that delivers intelligent, real-time answers through a clean and minimal chat interface. It allows users to ask questions, generate content, and solve problems instantly using advanced large language models. Designed for speed, simplicity, and affordability, Aquariusly focuses on providing a lightweight yet powerful AI experience without unnecessary complexity.

AliveStack

- AliveStack demonstrates real-world microservices architecture using six different programming languages, each chosen for its specific strengths. The system runs entirely on Docker Compose and showcases patterns like API gateways, health checks, chaos engineering, and load testing. Designed and developed a full-featured event management application.

Event Management App

- Technologies: Next.js, TypeScript, Zod, React Hook Form, Shadcn, Tailwind, AceternityUI, Node.js, Stripe, uploadthing
- Designed and developed a full-featured event management application.

IoT-Based Poultry Monitoring System (Final Year Group Project)

- Technologies: Next.js, Shadcn, Socket.IO, PostgreSQL, NodeMCU, Arduino, Tailwind, AceternityUI, NextAUTH, Prisma(ORM), C++, .ino
- Created an IoT solution to monitor poultry conditions, improving efficiency and monitoring.

LangChain Web Scraper and QA Bot

- Technologies: Langchain(Javascript), Huggingface, OpenAI, LLM, vector embeddings, openrouter.ai.
- This project demonstrates how to build a web scraping and question-answering bot using LangChain, LLM model, and HuggingFace embeddings.

Discord Voice Channel Manager Bot

- Technologies: Discord.JS
- A fun project built using the discord.js library, dynamically creates and deletes voice channels in a Discord server based on user activity. It listens for users joining a specific "trigger" voice channel and automatically creates a new, temporary "Duo" voice channel for them. When the channel becomes empty, it is automatically deleted.

Own CLI based react component library

- Currently building my own Shadcn-like CLI-based component library to streamline React UI development and enable monetization through premium, reusable components.

CERTIFICATIONS

- AWS Essentials - Coursera
- Web Development - Udemy
- Web Development - Teachnook
- AWS Internship Certificate - Verzeo

SKILLS

Technical Skills:

- **Front-End:** Next.js, React.js, TailwindCSS, Shadcn
- **Back-End:** Node.js, WebSockets, Prisma (ORM), typeorm, redis, graphql, grpc, bullmq
- **Databases:** MongoDB (NoSQL), SQL, PostgreSQL
- **Cloud Services:** AWS, Oracle
- **Operating Systems:** Linux, Windows

Programming Language Skills:

- JavaScript
- TypeScript
- Python
- C/C++

Soft Skills:

- Problem-solving
- Time management
- Effective communication
- Critical thinking
- Simplicity in design

LANGUAGES

- English
- Hindi
- Assamese
- Bengali

RELEVANT COURSEWORK

- Operating Systems (Linux and Windows)
- Data Structures and Algorithms (C/C++)
- Networking (TCP/IP, OSI)
- Protocols: UDP, TCP, HTTP, SMTP, POP3, IPv4, IPv6, ARP, NDP