Nipuna Nishan

Software Engineer | Full Stack Engineer | NodeJs | Python | Java | **.**Net • Express • NextJs

nipunanishan47@gmail.com | linkedIn | github | +94711651529

Professional Summary

Full-stack Engineer with 3 hands-on and 2 years of industrial experience in Typescript, Python, .Net, React.js, Next.js, FastAPI. Skilled in building scalable apps, RESTful APIs, TDD, and accessibility standards. Familiar with AWS, GCP, Docker, quick to learn, and a proactive team player focused on delivering high quality software and achieving project success.

Skills

Frontend: React.js, Typescript, Zustand, Tanstack, TailwindCSS, Next.js, PWA, Webpack, asp.NET Core
Backend: FastAPI, NestJS, asp.NET, Spring Boot, Microservices, Monorepo(turbo), JWT, Opaque, Redis, OOP
AI: Retrieval-Augmented Generation (RAG), MCP, OpenAI, Ideogram, Google AI Studio
DevOps: Docker, Kubernetes, CI/CD (GitHub Actions, Jenkins), Terraform
Database: SQL, PostgreSQL, Pinecone,Chroma, Mongo, Firestore, S3, Drizzle ORM, Prisma ORM

Experience

Associate Software Engineer   *Dec 2024 − Nov 2025*
Xleron
- Designed and implemented full stack application for a UK-based client a Digital Business Card application with CRMs | Zapier integrations focusing on delivering intuitive solutions
- Designed and implemented a full stack application for a US-based client, a comprehensive AI-powered content creation platform for content creators(openai, ideogram, suno, elevenlabs, youtubeapis)
- Developed a secure backend for a UK crypto screener, including wallets, transactions, and real-time blockchain.
- Ensured compliance with Web Content Accessibility Guidelines (WCAG) 2.2, improving usability.
- Streamlined integration, testing and deployment with CI/CD pipelines in Git and AWS.
- Utilized agile methodologies to enhance team collaborations, streamline development,and adapt efficiently to client needs.

Junior Software Engineer   *Sep 2024 − Dec 2024*
Xleron
- Designed frontend of a dating Application for a Europe-based company.
- Designed and implemented a drone monitoring system for a US-based farming company.
- Domain Driven Design, Repository Pattern, MVC, Modular Architectures.
- Implemented i18n localization for a frontend with english and french.

Intern   *Feb 2024 − Sep 2024*
Xleron
- Completed intensive training in SQL,PostgreSQL,Typescript, ESLint rules, React rules and hooks.
- Built a JWT-based authentication system with RBAC to gain hands-on experience with middleware and secure request handling.
- Migrated CDN-based story components into a TypeScript component library.

Intern   *May 2024 − Sep 2024*
Aplicy
- Designed and implemented an KYC-Integrated Event Platform for corporate and regulated events.
- Learned the essentials of AWS services, including EC2, S3, and VPS, through hands-on practice.
- Learned AWS services for identity verification and person recognition, including Amazon Rekognition, Textract, and Cognito.

Projects

POS System: (eclipso) | FastAPI | NestJS | RAG | NL2SQL | PostgreSQL | Pinecone | Monorepo(turbo) | RBAC
- Developed an API for managing orders from suppliers to sales -> payment flow with a multi tenancy business approach.
- Developed an AI-powered natural language to SQL query service with RAG enabled system capabilities

Education

Uva Wellassa University   *June 2021 − Present*
Bachelor of Information and communication Technology, in Sri Lanka