

SANY A

Software Engineer | Backend, Cloud & AI Automation

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Professional Summary

Software Engineer with 2+ years of experience building full-stack applications, backend services, APIs, and cloud-hosted enterprise systems using Node.js, TypeScript, Python, C#/.NET, and relational databases. Hands-on with microservices, event-driven architectures, LLM-powered applications, RAG pipelines, AI agents, and workflow automation.

Technical Skills

Languages: TypeScript, JavaScript, Python, C#, SQL

Backend: Node.js, Express.js, FastAPI, ASP.NET Core, REST APIs, GraphQL, Microservices, WebSockets

Frontend: React.js, Next.js, Tailwind CSS

Databases: Oracle, PostgreSQL, MongoDB, Redis, Data Modelling

Cloud & DevOps: Microsoft Azure, Google Cloud Platform, Docker, GitHub Actions, CI/CD, Azure API Management

Messaging: Azure Service Bus, Redis Pub/Sub, Event-Driven Systems, Caching

AI Engineering: LLM APIs, LangChain, LangGraph, RAG, Embeddings, Semantic Search, Tool Calling, MCP, Prompt Engineering

Security & Automation: Microsoft Entra ID, JWT, RBAC, n8n, Workflow Automation

Professional Experience

AI Full Stack Developer | AES Technologies India Pvt. Ltd.

Jan 2026 – Present

- Develop enterprise vessel and e-shipment platform features using .NET microservices, Node.js, GraphQL, Oracle, React/Next.js, and Azure.
- Design and implement backend APIs for Port Information, Terminal Details, Fleet Compatibility, feedback, and user management.
- Implement event-driven workflows with Azure Service Bus, document attachments with Azure Blob Storage, and caching/messaging with Redis.
- Implement authentication and authorization using Microsoft Entra ID, JWT, and RBAC.
- Containerize applications with Docker and support CI/CD using GitHub Actions.
- Investigate production issues through logs, database errors, and API behaviour; implement fixes and validate deployments.

Software Associate – AI & Full Stack | SNS Square / SNS iNNovation Hub

Jul 2024 – Dec 2025

- Developed full-stack applications and backend services using React, Next.js, TypeScript, Node.js, Python, FastAPI, Flask, and REST APIs.
- Built AI-powered automation with LangChain integrating LLMs, APIs, and business systems for multi-step tasks.
- Designed a Salesforce CRM automation agent using agent planning and tool-based execution to convert natural-language requests into CRM operations.
- Built n8n workflows connecting APIs, AI services, and business applications to automate operational processes.

Selected Projects

- Salesforce AI Automation Agent** (Python, FastAPI, LangChain): AI agent that interprets natural-language requests and invokes tools to execute Salesforce CRM operations.
- AI Document Intelligence Platform** (Python, Azure AI Document Intelligence, Docker): document-processing API combining extraction, vector embeddings, semantic search, and ML classification.
- Real-Time Messaging Platform** (Node.js, WebSockets, Redis, Docker): real-time messaging using WebSockets and Redis Pub/Sub, containerized with Docker.
- DocsForge – AI Documentation Platform** (LLMs, API Integration): analyzes source repositories and generates technical documentation, API references, and architecture summaries.

Certifications

Redis Certified Developer | NASSCOM Python Certification | Azure AI Document Intelligence | Model Context Protocol (MCP) and MCP Advanced Topics

Education

B.E. in Computer Science and Engineering | SNS College of Technology, Coimbatore

2020 – 2024