SAHELI PAUL

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PROFESSIONAL SUMMARY

Backend Developer | AI & LLM Enthusiast | Node.js & Python | Cloud-Native Solutions

I am a backend developer with 5+ years of experience building scalable systems, AI-powered applications, and cloud-native solutions. My expertise lies in Node.js, Next.js, MongoDB, Python, and AWS services (S3, EventBridge), with a strong focus on integrating Large Language Models (LLMs) and building custom AI agents for developer and tester workflows.

CORE SKILLS

Programming & Frameworks: JavaScript, TypeScript, Python, Node.js, Next.js, Express.js
Databases & Messaging: MongoDB, PostgreSQL, Qdrant (Vector DB), Redis, Valkey, Kafka
AI & LLMs: OpenAI, Gemini, Claude, Groq, LangChain, LangGraph, Agentic AI
Backend & Scaling: BullMQ, Socket.IO, REST APIs, Cloud-Native Architectures
Cloud Services: AWS (S3, EventBridge), Azure Media Services

PROJECTS

■ AI Chat for PDF with RAG + Vector DB — Built document-QA chatbot with retrieval-augmented generation using Qdrant.
■ AI Personal Agent for Trip Planner — Designed AI agent to plan trips, integrating real-time web search and tool orchestration.
■ AI Personal Finance Agent — Developed assistant for budgeting, expense analysis, and personalized financial suggestions.
■ ChatGPT Clone with Custom Agents & Tools — Built multi-agent chatbot with developer/tester workflows, memory, and tool integration.
■ AI Complex Stream Chatbot with LLM — Implemented streaming AI chatbot capable of handling multi-turn conversations and dynamic tool use.
■ AI Weather Assistant — Created LLM-powered weather forecasting assistant with external API integration.
■ AI Task Planner Agent — Built AI agent that dynamically creates, assigns, and manages tasks using LLM reasoning.
■ Assist CX AI Agent Platform — Developed AI agents with Python, LangChain, PostgreSQL to process and auto-respond to emails; dynamically assigned based on email type; integrated with SharePoint for attachment handling.
■ My Kanjo Platform — Clinician-parent platform built with Next.js, Node.js, MongoDB, enabling assessments, appointments, notifications, and chatbot integration.
■ WayCool TV — Real-time video/audio streaming solution with Node.js, Express.js, Azure Media Services, MongoDB, Socket.IO.
■ WayCool Product Suite — Developed AP360, Trip Management System, Rebracement with scalable backend and AWS services.

EXPERIENCE

Senior Software Engineer — Axenoic Technology Pvt Ltd, Pune, India
August 2023 – Present
• Delivered Assist CX AI agent system and My Kanjo platform.
• Developed real-time AI agents with LangChain, OpenAI, Python, PostgreSQL.

• Worked with Node.js, Next.js, MongoDB, AWS S3, EventBridge.
• Researched & trained in AI agent tools, GenAI, LLMs.

Software Engineer — WayCool Foods Pvt Ltd, Bangalore, India
June 2021 – August 2023
• Built WayCool TV live streaming/broadcasting platform using Azure Media Services, Node.js, Socket.IO.
• Designed backend logic for real-time video/audio delivery.
• Created travel, supplier integration, and other inter-company applications.

PHP Developer — Gios Pvt Ltd, Kolkata, India
January 2020 – May 2021
• Worked on WordPress, Core PHP, MySQL, CSS, HTML, JavaScript.
• Developed and maintained dynamic web applications.
• Collaborated with team on full-stack feature implementation.

Core PHP Developer — Simlipied Pvt Ltd, Kolkata, India
July 2019 – December 2019
• Worked with Core PHP, HTML, CSS, JavaScript, MySQL.
• Built and optimized backend logic for web platforms.
• Assisted in frontend integration and debugging.

EDUCATION

PG Diploma in Data Science, IIIT Bangalore (2022–2023)
Focus: ML/AI, Statistics, Deep Learning

Bachelor of Technology in Computer Science, Adamas University (2016–2020)
CGPA: 7.0 | Member of Robotics Lab

CERTIFICATIONS

• Generative AI Foundation — UpGrad
• AI Agents Workshop Certificate
• PG Diploma Data Science — IIIT Bangalore
• PHP & SQL — JU University
• HTML, CSS, JS — JU University