

# Hilario Junior Nengare

Portfolio: hilariojr.com  
GitHub: HilarioNengareJr

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## SKILLS

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- **Programming:** Python, JavaScript, TypeScript, C/C++, SQL
- **Frameworks:** React, Next.js, Node.js, React Native, FastAPI, Express
- **AI / Automation:** OpenAI API, LLM Agents, n8n, LangChain, Prompt Engineering, MCP
- **Databases:** Supabase, PostgreSQL, Firebase
- **Frontend:** Tailwind CSS, Bootstrap, HTML5/CSS3, Framer Motion
- **Cloud / DevOps:** Docker, Vercel, Render, AWS, Google Cloud Functions, Grafana

## EXPERIENCE

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- **Sayso Reviews PTY LTD** Cape Town, South Africa  
*Full Stack Engineer (Contract)* *Aug 2025 – Apr 2026*
  - **Platform Development:** Built a reviews and discovery platform using Next.js, Supabase, and SEO strategies to improve discoverability.
  - **Recommendation Systems:** Implemented personalized, weighted recommendation algorithms inspired by Netflix-style ranking systems.
  - **Performance & Architecture:** Applied system design principles including SSR vs CSR, performance optimization, and scalable architecture decisions.
- **rain South Africa** Cape Town, South Africa  
*Consultant AI Engineer* *Apr 2025 – Apr 2026*
  - **AI Persona Systems:** Integrated AI customer support personas (Leila, Arin, Sam) into the AskRain platform using n8n workflows and OpenAI APIs.
  - **Agentic AI Development:** Designed agent workflows using prompt engineering, guardrails, MCP servers, and advanced integrations.
  - **Monitoring:** Implemented Grafana dashboards for observability and performance tracking in production systems.
  - **Leadership:** Acted as bridge between ChitChat AI and Rain, reporting directly to the CEO and aligning delivery with business goals.
- **Lambda Research** Cape Town, South Africa  
*Software Engineer Intern* *Sep 2024 – Dec 2024*
  - **Prototype Development:** Played a key role in developing an automated podcasting prototype using Python and JavaScript.
  - **Problem Solving:** Demonstrated strong problem-solving ability and quickly became a valuable contributor.
  - **Proactive Learning & Collaboration:** Applied a proactive approach to learning new tools while collaborating effectively in a remote team.
  - **Code Quality:** Delivered high-quality, well-documented code and contributed consistently during team stand-ups.

## PROJECTS

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- **ChitChat AI Website:** Built production website (chitchatai.co.za) using React with reusable components and responsive UI.

## EDUCATION

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- **European University of Lefke** North Cyprus  
*B.Sc. Software Engineering* *Jun 2024*