

Herman C. RAZAFINDRANAIVO

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<https://github.com/Herman-Riah19>

<https://herman-riah19.vercel.app>

SKILLS

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| • TypeScript | • Next JS | • Git / Github |
| • Python | • Prisma ORM | • Docker |
| • Flask | • PostgreSQL | • AWS |

EXPERIENCES

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| Feb 2024 – Feb 2025 | Full stack Web Developer – Synergie Mad, Full Remote <ul style="list-style-type: none">• Designing the Didache application, an encyclopedia of the Church, where I integrate a timeline a dynamic map, and a chat interface powered by AI.• Developing the Gnose IA application, a conversational platform with AI that analyzes user-submitted corpora or PDF files.• Contributing to the development of OpenMyst, a 3D platform that simulates the life of Jesus on a map, incorporating a timeline and a genealogical tree.• Tools used: TypeScript, Next JS, Firebase, Force graph 3D, MapBox, Postgre SQL, Stripe, Python, Flask, Open AI API, Docker, Jenkins, AWS S3, Github |
| Aug 2023 – Nov 2023 | Python Developer – Quantum, Analakely Antananarivo <ul style="list-style-type: none">• Developing a lead generation tool to facilitate prospecting and SEO optimization for Client websites, enhancing their online visibility and outreach.• Writing web scraping scripts for data collection, enabling automated extraction of relevant information to support business intelligence and marketing strategies.• Tools used: Python, Beautiful Soap, Selenium, Tor |
| Jul 2023 – Aug 2023 | Full stack Web Developer – FPay, Andohalo Antananarivo <ul style="list-style-type: none">• Contributing to the design of Jupiter, a money transaction platform, ensuring secure and efficient financial operations.• Working on authentication and database structuring, optimizing data integrity and Security to enhance system reliability.• Developing an API to trigger USSD codes for money transfers via mobile money, enabling seamless and accessible financial transactions.• Redesigning an agency management application, improving its architecture, user experience, and operational efficiency.• Tools used: Flask, ReactJS, ExpressJS, TypeScript, Firebase, Stripe, Docker, Github |
| Sept 2021 – June 2023 | IT and Multimedia Technician – Shine Evangelical Church, Andravoahangy Antananarivo <ul style="list-style-type: none">• Developed a web application for generating QR codes for invitations• Performed maintenance on IT equipment within the organization• Edited sermon videos and designed jackets and stickers• Tools used: NextJS, PostgreSQL, Figma, Adobe Premier, Photoshop |
| Jan 2020 – Nov 2020 | IT Technician Intern – Ministry of Technical Education and Vocational Training, Antananarivo <ul style="list-style-type: none">• Developing a web application for an online library, where I integrated a page displaying video courses and a PDF reader within the app to enhance user experience and accessibility.• Setting up a firewall with employee authentication via Active Directory and connection filtering, ensuring secure access and network protection.• Tools used: PHP, MySQL, Bootstrap, JQuery, PfSense, Debian Linux |

EDUCATION

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| 2017 – 2020 | Bachelor's Degree in IT, Electronics, and Telecommunications – GSI University Antananarivo |
| 2016 – 2017 | Bachelor's Degree in Management – IET Amboanjobe Antananarivo |
| 2015 – 2016 | Vocational Diploma in Management – IET Amboanjobe Antananarivo |