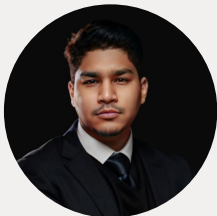


Hishaam Nusterdien



Enterprise Software Engineer & Growth Infrastructure Architect

📍 Cape Town, South Africa ✉️ hishaam@hnusterdien.com ☎️ +27614062618 🌐 <https://www.hnusterdien.com>

EXECUTIVE SUMMARY

Dedicated Software Engineer and Founder with over 10 years of experience in the IT industry.

Proven track record across backend engineering, cloud architecture, full-stack web development, and digital transformation.

Founder of Netblaze Digital (established October 2021), leveraging a decade of enterprise technology experience to engineer end-to-end business operating systems for over 100 local enterprises.

Expert in building scalable RESTful microservices, AI-powered communication tools, automated CRM pipelines, and high-performance web applications.

CORE COMPETENCIES & TECHNICAL SKILLS

Programming Languages

Java, JavaScript, HTML & CSS, SQL

Backend Frameworks

Django, Flask, FastAPI, NodeJS, ExpressJS

Frontend & Web Development

React, NextJS, jQuery, WordPress, WooCommerce, Shopify

Databases

PostgreSQL, MySQL, SQLite, MongoDB

Operating Systems, Cloud & Infrastructure:

Amazon Web Services (AWS), Google Cloud Platform (GCP), Docker, Kubernetes (K8s), Linux

Version Control & CI/CD

Git, GitHub, GitLab

CRMs & Business Operating Systems

HubSpot, Salesforce

Workflow Automation & Low-Code

Zapier, Make, n8n, GoHighLevel

Project & Workflow Management

Atlassian Jira, ClickUp, Monday.com, Agile/Scrum

Architecture & Integrations

System Architecture, Payment Gateways, AI Chat/Voice Automation, Test-Driven Development (TDD)

PROFESSIONAL EXPERIENCE

Netblaze Digital

Remote

Founder & Director

Oct 2021 – Present

- Founded a specialized agency and growth engine that consolidates fragmented business technologies into a unified 5-phase operating system (Netblaze OS).
- Backed by over 10 years of enterprise IT experience, successfully partnered with over 100 local businesses to eliminate operational bottlenecks, reduce overhead, and accelerate revenue.
- Engineered automated digital infrastructures combining 24/7 AI Chatbots, 24/7 AI Voice Receptionists, automated scheduling, digital invoicing, and local SEO.

- Architected end-to-end multi-channel communication hubs unifying Email, SMS, WhatsApp, and social media DMs to eliminate missed opportunities.

WeCan

Python Developer

Feb 2024 – Aug 2024

Remote

- Collaborated within a development team to design, develop, deploy, and maintain a web application for Zain, a leading telecommunications provider in Iraq.
- Developed a **Voucher Management System** to manage, distribute, and validate vouchers for dealers, sub-dealers, administrators, and sellers.
- Implemented RESTful APIs to handle role-based user access management and operational workflows.
- **Tech Stack:** Python, SQL, FastAPI, SQLAlchemy, PostgreSQL, SQLite, AWS, Git, RESTful APIs.

HyperionDev

Software Developer

Dec 2021 – Jul 2023

Cape Town, South Africa

- Designed, developed, deployed, tested, and maintained two mission-critical web applications:
 - **Student Dashboard Web Application:** Enabled students to track bootcamp progress, schedule mentorship calls, request code reviews, and submit support tickets.
 - **Reviewer Dashboard Web Application:** Streamlined mentorship operations for reviewing student work and managing support requests.
- Maintained reliable inter-application communication via RESTful APIs for seamless user experiences.
- Contributed to the development, maintenance, and performance optimization of the primary HyperionDev marketing website.
- **Tech Stack:** Python, JavaScript, HTML & CSS, SQL, Django, NodeJS, jQuery, PostgreSQL, SQLite, AWS, Git, RESTful APIs.

HyperionDev

Coding Mentor & Code Reviewer

Mar 2020 – Dec 2021

Cape Town, South Africa

- Guided aspiring software developers through hands-on mentorship, detailed code reviews, and troubleshooting of complex technical challenges.
- Enforced coding standards, maintainability, and industry best practices across student submissions.
- **Tech Stack:** Python, Java, JavaScript, HTML & CSS, SQL, Django, ReactJS, ExpressJS, NodeJS, PostgreSQL, SQLite, MongoDB, Git.

HyperionDev

Coding Teaching Assistant

Aug 2019 – Mar 2020

Cape Town, South Africa

- Supported the delivery of programming courses and workshops, providing hands-on coding assistance and clarifying core software engineering concepts.
- Collaborated with lead instructors to optimize curriculum delivery and foster student success.

FEATURED PROJECTS & ENGINEERING MILESTONES

Telecom Voucher Management System | WeCan / Zain Iraq
Scalable voucher distribution and validation engine supporting multi-tier user roles and administrative controls.

Bootcamp Student & Mentor Platform | HyperionDev
Integrated portal ecosystem managing mentorship requests, progress analytics, and automated ticketing.

Netblaze OS Growth Engine | Netblaze Digital
Comprehensive 5-phase operating system unifying website hosting, AI chatbots, automated calendar synchronization, payment processing, and review generation.

Custom Web Applications & Client Builds
Designed and developed custom digital builds for client brands.