

MISGANA DESALE NIGUSA

Senior Full-Stack & Web Developer

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Portfolio: GitHub: <https://infolinkcc2021-glitch.github.io/portfolio/>

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PROFESSIONAL SUMMARY

Results-driven Senior Web Developer with over 5 years of experience building, deploying, and optimizing high-performance web applications and enterprise platforms. Specialized in modern JavaScript/TypeScript ecosystems (React.js, Node.js, Express) alongside robust backend systems (Python, PHP/MySQL, MongoDB). Proven track record of delivering end-to-end solutions, from database schema architecture and RESTful API integration to responsive UI/UX and custom branding assets. Experienced in asynchronous remote collaboration across time zones, managing domain infrastructure, and delivering scalable code for international organizations.

TECHNICAL SKILLS

- **Frontend:** React.js, JavaScript (ES6+), TypeScript, Tailwind CSS, HTML5/CSS3, Responsive Web Design
- **Backend:** Node.js, Express.js, Python, PHP, RESTful APIs, System Architecture
- **Databases:** MongoDB, MySQL, PostgreSQL, phpMyAdmin
- **DevOps & Hosting:** Web Hosting Management (CPanel/Linux), Domain & DNS Configuration, Enterprise Email Routing, Git/GitHub, VPS Configuration
- **Tools & Design:** TradingView Pine Script, Visual Studio Code, Postman, Figma/Canva Graphics & UI Design

PROFESSIONAL EXPERIENCE

Lead Full-Stack Web Developer | Freelance & Contract

Jan 2024 – Present

- Designed, built, and launched full-stack web applications for institutional clients, managing the complete software development lifecycle from concept to domain hosting.
- Architected responsive front-end user interfaces using React.js and Tailwind CSS, increasing mobile user engagement by over 30%.
- Configured backend database schemas and secure REST API endpoints using Node.js/Express and PHP/MySQL.
- Handled full infrastructure setup including DNS management, SSL integration, CPanel Linux server configuration, and enterprise webmail deployments.
- Developed custom algorithmic scripting tools and technical software integrations for fintech and trading environments.

Software & Web Systems Specialist | National Transport PLC

2025 – Present

- Developed automated Python-based data processing scripts using Pandas and OpenPyXL to streamline daily operations reporting and fleet telemetry analysis.
- Optimized workflow reporting tools, reducing manual data processing time for executive teams by 45%.
- Maintained database integrity and built web-based tracking utilities to monitor operational metrics.

KEY PROJECTS

Enterprise Financial Web Portal

- Engineered an end-to-end web portal for a regional financial cooperative, incorporating dynamic content sections, customized database schemas, and branded UI.
- Conducted domain acquisition, Linux server deployment, and secure mail server setup.

Automated Analytics & Reporting Dashboard

- Built a custom data pipeline using Python to ingest, clean, and visualize complex operational data, outputting structured operational metrics.

EDUCATION & CERTIFICATIONS

- **Bachelor of Science in Information Technology** — Jimma University, Graduated in June 2018
- **Cisco IT Essential certificate**
- **Responsive Web Design & Full-Stack Web Development** — FreeCodeCamp / Udemy

REMOTE WORK READINESS

- **Timezone Flexibility:** Standard working window overlap with EST, CET, and UTC time zones.
- **Communication:** Highly fluent in English, Amharic and Afaan Oromoo (written and spoken), proactive status reporting, experience with Slack, Trello, Asana, and GitHub workflows.
- **Infrastructure:** High-speed redundant internet setup, dedicated quiet workspace, power backup solution.