

Yonas Alem

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SUMMARY

Senior Fullstack Engineer with 5+ years of experience building and optimizing scalable backend systems and responsive frontend applications for fintech and enterprise platforms. Specialized in modern web stacks including Node.js, TypeScript, Redis, Next.js, and AWS. Proven track record leading microservice migrations, performance tuning (40%+ API speed gains), and dashboard UI development. Now seeking remote full-time or freelance opportunities where I can apply my expertise in building secure, maintainable systems in async-first teams.

TECH STACK

- **Languages & Frameworks:** TypeScript, JavaScript, Go, Python, PHP, Node.js, React, Next.js, Django, FastAPI
- **Frontend:** React, Tailwind CSS, Next.js, HTML5, CSS3, Material-UI, Vue.js, Radix UI, SWR
- **Backend & APIs:** REST, tRPC, gRPC, Redis, PostgreSQL, MySQL, MongoDB, Express, SQLAlchemy, Prometheus
- **Cloud & DevOps:** AWS (EC2, S3, Lambda), GCP, Docker, Kubernetes, GitHub Actions, CI/CD, Azure AI
- **Tools:** Git, Slack, Notion, Jira, Zoom, ClickUp, DataDog
- **Practices:** Code Reviews, TDD, Debugging, Agile/Scrum, Remote Collaboration

PROFESSIONAL EXPERIENCE

Mereb Technologies

Apr 2022 - Present

Senior Fullstack Developer

Addis Ababa, Ethiopia

- Reduced API response time by 40% by optimizing SQL queries and introducing Redis caching.
- Migrated monolithic backend to gRPC microservices, improving throughput by 35% and enabling zero-downtime deployments.
- Implemented AWS S3-based cold storage, reducing monthly cloud costs by \$8,000 with 99.9% durability.
- Led a team of 4 to refactor legacy PHP codebase and enforce CI/CD pipelines, reducing deployment errors by 60%.

Affiliate.com

Feb 2023 - Aug 2023

Full-Stack Developer (Remote)

Israel (Remote)

- Modernized a legacy PHP API to scalable Node.js architecture using tRPC, enabling support for 10K+ daily transactions.
- Automated financial reports using Python, saving 20+ hours/month of manual effort.
- Built internal dashboards with React and Tailwind CSS, adopted by 200+ users for real-time insights.

Eagleilon Systems Technology

Mar 2021 - Apr 2022

Frontend Developer

Addis Ababa, Ethiopia

- Delivered 4+ production-grade web apps from Adobe XD using React + Next.js, boosting client satisfaction by 25%.
- Integrated Visa, Mastercard, and Telebirr APIs with secure validation and fallback logic.
- Improved Lighthouse scores from 45% to 97% through advanced code-splitting and lazy loading strategies.

PROJECTS

Poker Gambling Platform

Real Gaming Poker NV

Nevada-based Online Gaming

- Designed and implemented end-to-end UIs and backend APIs for real-time multiplayer poker modes (e.g., Five Card Turbo, Omaha).
- Refactored database schema and optimized queries, enabling stable gameplay and transaction accuracy at scale.
- Built internal monitoring dashboards for fraud detection, daily balance verification, and bonus distribution audits.
- Reduced monthly server costs from \$30K to \$8K via architecture tuning and AWS resource optimization.
- Improved player engagement by launching reservation and placeholder user features.

Citizen Request Automation Platform

Government Constituent Platform

Maryland State

- Developed scalable API backend to process complaint submissions, document approvals, and constituent recognition letters.
- Integrated voicemail-to-text transcription and automated classification using Azure Cognitive Services.
- Added features to enable cold call messaging and automated greetings & citations, improving citizen engagement.

AI-Powered Resume Tailoring Platform

Upplai

- Integrated OpenAI models to generate customized resumes, cover letters, and ATS-readiness recommendations.
- Improved UX on mobile devices by refactoring UI and optimizing load speed (cut unnecessary assets).
- Delivered responsive frontend that enables real-time resume scoring and document previews.

EDUCATION

Addis Ababa University

Sep 2015 - Dec 2020

BSc, Software Engineering