

YALELET DESSALEGN

Senior Full Stack Developer

Addis Ababa, Ethiopia | Remote | +251 903 024 343 | yaleletdessalegn11@gmail.com

GitHub: <https://github.com/Yab8702> | LinkedIn: <https://www.linkedin.com/in/yalelet-dessalegn/>

PROFESSIONAL SUMMARY

Senior Full Stack Developer with 5+ years of experience building scalable web applications, backend APIs, developer tools, and production infrastructure. Creator of Nevr (entity-first TypeScript framework) and contributor to open-source projects including Agent Wall, BranchDB, Nevr Env, and Hyphora. Strong expertise across React, Next.js, Node.js/Express, TypeScript, Python, PostgreSQL, MySQL, MongoDB, and cloud-ready delivery. Experienced in system design, algorithmic problem solving, API security, performance optimization, and maintainable architecture for long-term product growth.

CORE SKILLS

- Languages: TypeScript, JavaScript (ES6+), Python, SQL
- Frontend: React, Next.js, Redux, Tailwind CSS, responsive UI, component architecture
- Backend: Node.js, Express.js, REST APIs, authentication/authorization, API versioning
- Data: PostgreSQL, MySQL, MongoDB, Prisma ORM, relational modeling, query optimization
- DevOps and Cloud: Docker, Kubernetes, CI/CD, AWS S3, microservices architecture
- Engineering: Algorithms, data structures, system design, performance tuning, debugging
- Practices: TDD, clean architecture, code reviews, Agile/Scrum, documentation, mentoring

PROFESSIONAL EXPERIENCE

Evangadi Tech - Full-time (Remote, United States)

Full Stack Developer | Jul 2023 - Present

MERN Instructor | Jul 2023 - Present

- Build and maintain production full stack applications using React, Next.js, Node.js, and Express.js.
- Design secure REST APIs with validation, role-based access control, and maintainable service layers.
- Improve application performance with optimized rendering, API response handling, and clean query patterns.
- Mentor developers as a MERN instructor through code reviews, architecture guidance, and debugging workflows.

Upwork - Freelance (Addis Ababa, Ethiopia)

Full Stack Developer | Jul 2020 - Present

- Delivered custom full stack platforms for education, membership, e-commerce, and operations-focused clients.
- Improved client conversion outcomes through UX redesign, frontend optimization, and onboarding flow improvements.
- Built secure backend services, database workflows, and admin tools with Express.js, PostgreSQL/MySQL, and MongoDB.
- Integrated third-party services, optimized APIs, and improved production reliability using scalable architecture patterns.

Aksumite Platforms Inc. - Freelance (Remote)

Lead Software Engineer | Dec 2023 - Oct 2024

- Led architecture and delivery of client-facing full stack modules from planning to production release.
- Guided API design, component standards, and delivery quality across React frontend and Express backend services.
- Collaborated with cross-functional stakeholders to convert product requirements into reliable technical solutions.

JEB SOFTWARES - Freelance (Remote)

Full Stack Developer | Jan 2024 - Sep 2024

- Delivered maintainable full stack modules with scalable architecture, reusable components, and clear service boundaries.
- Worked directly with stakeholders to prioritize features and ship milestones on schedule.

Cisco - Internship

Cyber Security Specialist | Apr 2023 - Sep 2023

- Supported risk analysis, security process improvements, and incident-prevention controls.
- Assisted with security assessment documentation and practical hardening recommendations.

SELECTED PROJECTS

Nevr (Open Source)

- Built a TypeScript framework that generates type-safe APIs, schema definitions, auth flows, and typed client contracts from entity models.
- Reduced repetitive backend scaffolding and improved consistency for feature delivery across services.
- Designed for developer experience with maintainable conventions and clean integration patterns.
- Improved developer productivity through convention-based architecture and strongly typed end-to-end contracts.
- Repository: <https://github.com/nevr-ts/nevr>

Agent Wall (Open Source)

- Built policy-driven runtime protection for MCP tool calls to reduce prompt-injection and unsafe command execution risks.
- Implemented governance patterns for tool access control, safety checks, and operational visibility.
- Focused on secure-by-default guardrails for production agent workflows and tool execution.
- Repository: <https://github.com/agent-wall/agent-wall>

BranchDB (Open Source)

- Built tooling that isolates local databases by git branch to prevent context-switch conflicts and broken test states.
- Improved developer velocity by reducing environment-reset overhead during parallel feature work.
- Improved local testing reliability by preventing cross-branch data contamination and inconsistent environments.
- Repository: <https://github.com/Yab8702/branchdb>

Amhara Colorado App (Client)

- Delivered a membership and subscription platform with role-based workflows and maintainable admin management features.
- Implemented business-focused UX and backend processes that reduced manual handling and improved day-to-day operations.
- Built structured membership workflows, role permissions, and maintainable admin tooling for non-technical teams.

Zema E-learning Platform (Client)

- Delivered a full stack e-learning platform with secure access, course progression flow, and audio-focused learning experience.
- Implemented frontend and backend modules with production-ready structure for long-term enhancement.
- Integrated AWS S3-based media storage and delivery for audio learning assets and scalable content access.

EDUCATION

- Bachelor of Science, Computer Science - Woldia University

CERTIFICATIONS

- Full Stack Engineer - ALX Africa
- Full Stack Web Development Certificate - Evangadi Networks
- Advanced React Certificate - Scrimba
- Cyber Security Professional Certificate - Cisco
- AI Engineer Certificate - Scrimba