

NAOL GIRMA

SOFTWARE ENGINEER & FOUNDER

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SUMMARY

Software engineer and founder with hands-on experience designing and deploying scalable systems across web and mobile platforms. Built and managed an end-to-end virtual tour platform, including media processing pipelines, cloud storage optimization, and cross-platform rendering. Strong focus on performance, system architecture, and practical AI application to solve real-world problems. Experienced in leading development, structuring backend systems, and delivering production-ready solutions.

TECHNICAL SKILLS

Engineering: Full-Stack Development, System Architecture, API Design
Frontend: React, React Native, WebView Systems
Backend: Node.js, Express, Firebase, REST APIs
Cloud & Storage: Google Cloud Storage, CDN Optimization, Asset Compression
AI & Data: AI-assisted image processing, structured reasoning, prompt-based workflows
Other: Agile Development, Debugging, Performance Optimization

PROFESSIONAL EXPERIENCE

Founder of Vistatour (Self-employed)

2024 - Present

- Designed and built a virtual tour platform for real estate and education use cases
- Developed a media processing pipeline using AI-assisted techniques to stitch and enhance panoramic images
- Engineered a custom compression and cloud storage system to efficiently deliver large visual assets
- Led full lifecycle: system architecture, development, deployment, and iteration

Team Lead Developer (Pre-Launch Platform) potentia, United States

2024

- Designed backend systems for secure authentication, payments, and scalable data handling
- Integrated Stripe and crypto-based payment workflows
- Structured system architecture for modularity, maintainability, and future scaling

AI Prototype Developer (Eventseye.ai)

2025 - Present

- Developing an AI-driven prototype platform focused on intelligent workflows
- Designing systems for structured data processing and automation
- Exploring AI-assisted decision systems and scalable architecture patterns

EDUCATION

B.Sc. in Computer Science (Expected June 2026)

HiLCoE School of Computer Science and Technology, Addis Ababa

ADDITIONAL INFORMATION

- Languages: Amharic (Native), English (Fluent)
- Strong interest in AI systems, scalable infrastructure, and applied engineering