

# BIRUK LEMMA

## Full-Stack Developer

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### SUMMARY

A **FullstackDeveloper** with **4+ years of professional experience** designing, developing, and maintaining scalable web applications, APIs, and backend systems. Experienced in building production-ready solutions using **React.js, Next.js, Node.js, Laravel, PHP, JavaScript, and TypeScript**, with a strong focus on clean architecture, performance, security, and maintainability. Skilled in RESTful API design, database modelling, authentication and authorisation, third-party integrations, background jobs, caching, and application optimisation. Proficient in **MySQL, PostgreSQL, Redis, Docker, Git, AWS, and modern development workflows**, with hands-on experience delivering SaaS platforms, enterprise applications, WordPress solutions, and custom web applications. Strong understanding of software engineering principles, data structures, algorithms, and backend architecture, with a proven ability to solve complex technical challenges, write clean and maintainable code, and deliver reliable, scalable systems in collaborative development environments.

### TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), PHP, TypeScript, HTML5, CSS3, SQL, Python, Java

**Backend:** Node.js, Express.js, Laravel, RESTful APIs, Authentication & Authorisation, API Integrations, Background Jobs, Caching

**Frontend:** React.js, Inertia.js, Tailwind CSS, Bootstrap, WordPress (Bricks Builder, Elementor), Responsive Web Design

**Databases:** MySQL, NoSQL, PostgreSQL, Redis

**Cloud & DevOps:** AWS, Docker, Git, GitHub, CI/CD, Linux

**CMS & Automation:** WordPress, Custom Theme Development, Plugin Development, GoHighLevel Integrations, Webhooks, Workflow Automation

**Software Engineering:** Database Design, System Architecture, Data Structures & Algorithms, Performance Optimisation, Secure Application Development, Debugging, Clean Code, Agile/Scrum

### EXPERIENCE

**Lead Full-Stack Developer**  , Nodd Solutions

01/2024 – 04/2026 | Sydney, Australia ( Remote)

- Built and optimised 10+ backend-driven landing page systems focused on improving user engagement and lead conversion through efficient server-side logic and API integrations.
- Led development of **Nodd-Ticket**, a full-stack task and ticket management system designed as an alternative to tools like ClickUp and Notion, improving workflow efficiency and team productivity by **30%+**.
- Collaborated with designers and cross-functional teams while integrating backend automation using GoHighLevel, reducing manual operational workload and improving process efficiency.
- Led and mentored a team of developers, improving delivery consistency and code quality through structured reviews, backend standards, and architectural guidance.

**ERP Development**  , Teter Trading

05/2025 – 09/2025 | Addis Ababa

- Collaborated with a team of 3 backend developers on an ERP system, contributing to full-stack development.
- Designed and implemented a modular architecture for the JavaScript and view modules, improving maintainability and scalability.
- Developed and integrated new organizational division features, including fully functional user interfaces.

**Backend Engineer**  , Pulto Technologies

03/2022 – 11/2023 | Addis Ababa

- Designed and developed a subsystem concept seamlessly integrated into an existing operational platform to extend functionality without disrupting core workflows.
- Led backend development initiatives, successfully delivering 5+ production websites and backend systems, consistently achieving strong client satisfaction through reliable delivery and performance-focused solutions.

**Laravel Mentorship**  , GDSC AASTU

11/2023 – 05/2024 | Addis Ababa

- Led the only Laravel team in the study sessions of Google Students Developers Club
- Reassembled a disbanded group of five Laravel trainees.
- Landed a fourth position in a Hackathon.

### EDUCATION

**Bachelor of Science in Software Engineering**, Addis Ababa Science and Technology University

CGPA 3.6, National Exit score: 80%

### SELECTED PROJECTS

**Nodd Ticket** 

- A comprehensive ticket and task management platform designed to replace ClickUp for internal company operations
- Provides a flexible folder and subfolder structure with personal calendars and streamlined task assignment
- Includes multiple productivity views: list, kanban, and calendar formats
- Integrates with Gmail and supports interactive documents with scheduling tools

**Space Invaders** 

- Built an arcade-style space shooter from scratch using pure JavaScript with no game engine or external libraries.
- Implemented real-time gameplay systems including collision detection, physics, game loops, and entity management.
- Applied advanced JavaScript concepts such as data structures, algorithms, memory management, and performance optimisation.

### LANGUAGES

English(C2) | Amharic(Native) | Spanish(converstaional)