





WONDWOSEN ASEGIID Software Developer

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EDUCATION

Select Educational Dev't PLC, Computer Science 2023 – 2028

Relevant Courseworks: DSA|Operating Systems|Database Management|Object Oriented Programming

ALX, Software Engineering | Backend Development 2023 – 2024

Relevant Courseworks: Shell Script|Low Level Programming [C lang]|Python and Flask|Devops - CI/Cd pipelines|web server configuration|Test Driven Development|Automations and Continuous Monitoring

PROFESSIONAL EXPERIENCE

Tewos Technology, Backend Engineer 2024 – present

- **Wrote** a scalable backend using php and MySQL, powering a driving school mgt sys used by hundreds of clients across Addis Ababa & Bahir Dar.
- Significantly **reduced data load time** by optimizing complex Eloquent queries and implementing efficient indexing strategies.
- **Integrated** local payment gateways like **chapa** and **santim pay** and third-party APIs, enhancing the our business operations and enabling seamless transactions.
- **Contributed** to web and mobile system designs for key projects, collaborating closely with frontend teams to deliver fully functional digital solutions on time.
- **Enforced** clean architecture, reusable code patterns, and RESTful principles to ensure maintainability and ease of future scaling.

SKILLS

Languages & Frameworks

Php | Python | Java | Dart | Laravel | Spring Boot | Django |
Flask | Flutter | PostgreSQL | MySQL | Cassandra |
MongoDB | Apache Kafka |

Tools & Platforms

• Git | GitHub Actions | Notion | Slack | Jira

PROJECTS

Get Skills

- **Get Skills Backend API** – Designed and developed a scalable **RESTful API** using php for *Get Skills*, an indigenous online learning platform similar to Udemy. The backend handles course management, **user authentication**, **integrated payment**, and analytics, following **clean MVC architecture** and best practices for modern API development.

Simple shell, Terminal

- **Simple Shell (C)** – Built a basic UNIX-like shell in C that supports command execution, input/output redirection, and piping. Demonstrated low-level programming skills by working directly with **system calls** like **fork()**, **execvp()**, and **waitpid()** to manage process control and command parsing.

Please checkout my portfolio site for more projects.

REFERENCES

Emmanuel Alem, Frontend Developer, Tewos Technology Solutions
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Yared Nigussie, Airframe Technician, Ethiopian Airlines
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