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OBJECTIVE:

A seasoned developer with four years of comprehensive Go experience. I have consistently demonstrated a deep proficiency in developing scalable and efficient software solutions. My expertise spans the end-to-end development life-cycle, from conceptualization and design to implementation and maintenance. Proficient in creating robust RESTful APIs, I have successfully contributed to the creation of diverse applications, including services for user account management, secure file handling on cloud storage platforms, and intricate authentication systems.

My commitment to writing clean, maintainable code is complemented by a strong problem-solving aptitude, allowing me to tackle complex challenges with precision. I am well-versed in optimizing performance and ensuring the reliability of applications in high-demand environments. My proficiency extends beyond coding, encompassing collaborative teamwork, agile methodologies, and effective communication with cross-functional teams. Having navigated various projects, I bring a wealth of experience, coupled with a commitment to staying abreast of industry trends and emerging technologies.

TECHNICAL SKILLS:

- **Languages:** Go, PHP, JavaScript.
- **Internet Technologies:** Apache Kafka, Git, WordPress, HTML, CSS.
- **Operating Systems:** Unix (Linux), Windows.
- **Containerization Technology:** Docker.
- **Databases:** SQL, PostgreSQL, MySQL.
- **Metrics & Observability:** Prometheus, OpenTelemetry SDK, Jaeger, Grafana.

EXPERIENCE:

09/23 – Present   **Go Track Contributor, Pypup Inc. (pypup.com) – Delaware, USA**

- Go track contributor at pypup.com; a LeetCode style coding platform used for practicing coding problems and preparing for technical interviews

- I officially contribute solutions to the Go problems on the platform

- Both free and paid users who get stuck trying to solve code problems can refer to the official solutions provided by the platform.

08/21 – Present   **Go Project Highlights**

- Spearheaded the development of an Issues (bug) Tracker API backend with a focus on implementing role-based access control for administrators, managers, and employees.

Technologies: Go, PostgreSQL, Prometheus, Swagger UI, Grafana, Docker, GNU Make.
Repository: https://github.com/emzola/issuetracker
API Documentation: None yet ready

- Developed a robust REST API book service in Golang enabling users to create accounts, upload, manage, and download books. Integrated with Amazon S3 Cloud for efficient book storage.

  Technologies: Go, PostgreSQL, pg_cron, Swagger UI, Amazon S3 Cloud Object Storage, GNU Make.
  Repository: https://github.com/emzola/bibliotheca
  API Documentation:
  https://bibliotheca-api-dev-xfnt.4.us-1.fl0.io/api-docs

- Created a file system crawler command-line utility tool which crawls into file system directories looking for specific files which match a specific criteria. Criteria can be file size, file type or modified date. When the tool finds such files, it executes actions like listing all files that match a criteria, deleting all files that match a criteria, archiving files to another directory before delete, logging the file path to a file before delete.
  Technologies: Go.
  Repository: https://github.com/emzola/filesystemcrawler
  Documentation: GitHub README

- Created a command-line utility tool for reading the Bible and Quran in several languages. The command-line tool consumes a free Bible and Quran API.
  Technologies: Go.
  Repository: https://github.com/emzola/religio
  Documentation: GitHub README

- Created a download manager command-line utility tool for downloading files from the internet. The command-line tool supports concurrent downloads of single and multiple files, resumes downloads after failure, keeps track of download progress concurrently and saves downloaded files to a given location (directory). If the given directory path does not exist, it creates all the missing directories in the path. If a directory is not specified, it uses the project's download directory.
  Technologies: Go.

Repository: https://github.com/emzola/dlmanager
Documentation: GitHub README

07/22 – 02/23   **PHP Developer, Privet Sosed (privetsosed.ru) – Saint Petersburg, Russia**
- Solved complex performance and architectural issues on the privetsosed.ru social network.
- Extended the social network by implementing new features like extended user profiles, video stories, follow/subscribe & unfollow/unsubscribe, advanced search and filter.
- Implemented video stories with features similar to Instagram stories. Videos are actually stored on Beeline Cloud, a Russian-based cloud object storage service.
- Integrated payment systems with the social network's ecommerce store.
- DevOps responsibilities including ensuring that project's code were deployed successfully using GitHub Actions CI/CD pipeline as well as setting up Linux servers and moving other projects between servers.
- Collaborated with UI/UX designers and mobile app developers in the team.
- Wrote quality PHP code that is scalable, flexible, reusable, and testable.
- Improved, supported and wrote tests for the codebase.
- Documented the social network's API using Swagger UI.

06/17 – 04/22   **Freelance WordPress Developer**
- Conducted analysis of requirements and needs received from the client.
- Translated client requirements into technical specification.
- Responsible for both front-end and back-end development of client websites using WordPress – including everything from plugins to security updates.
- Designed the layout of websites and applications.
- Ensured websites were built to meet performance, security, and functional requirements of the client.
- Troubleshot and resolved WordPress problems for clients.
- Responsible for training clients on how to to manage their WordPress websites.
- Plugin development.

| 03/13 – 08/16 | **Full-stack Developer, Youngstars Development Initiative (youngstarsfoundation.org) – Abuja, Nigeria** |

- Led the development of web projects for the organization's programmes.
- Developed an internal CRM platform for managing the organizations project participants. Managing participant data was actually a pain point in the organization at the time so developing the internal CRM platform made it way easier for the organization to keep track of its participants for different programmes.
- Built the organization's primary website.
- Developed website features that enhanced user experience.
- Ensured that online registration for the organization's programmes through the website were seamless.
- Created responsive and adaptive front-ends.
- Optimized web pages for maximum speed and scalability.
- Tested web pages during the development process for usability.
- Ensured that all website were free from errors and bugs.

EDUCATION:

- **National Research University Higher School of Economics, Russia** 2020 – 2022
  Msc., Global Business.
- **N.I. Lobachevsky State University of Nizhny Novgorod, Russia** 2016 – 2020
  Bsc., Fundamental Informatics and Information Technology.

LANGUAGE:

- English