# LOREN BAKO | Software Developer

Lbako801 / LinkedIn / loren@lorenbako.com / lorenbako.com

---

## SKILLS -

**Frontend** - HTML | CSS | JavaScript | jQuery | REACT | ANGULAR | VUE
**Backend** - Node | Express | NoSQL | MySQL | MongoDB | Python
**Soft** - Leadership | Communication | Critical-thinking | Adaptability | Creativity

---

## WORK AND PROJECT EXPERIENCE -

**Redrock Pharmacy,** Pharmacy Technician | *Jun 2016 - Present* -
➔ Trained new hires and managed the flow of the line and other technicians. Implemented a new inventory organization system to reduce errors and decrease fill times and waits.
➔ Sterile and non-sterile compounding which adheres to strict regulations and details.
➔ Handling data entry, insurance disputes, and verifying doctor orders.
➔ Stressed attention to detail for optimum patient care and outcome.
➔ Entrusted with tasks from other departments such as urgent deliveries and communicating with contracted facilities.
➔ I was tasked with keeping pharmacy inventory at optimal levels and ensuring the correct product and volumes were ordered to increase profits and reduce waste.
➔ Volunteered for crucial pharmacy operations such as DEA/DOPL, state licensing, and inventory audits.

**ARUP Laboratories,** Laboratory Assistant | *Jul 2020 - Jan 2022* -
➔ Setup research projects and patient testing in a laboratory environment.
➔ Experienced with sensitive lab equipment and recording analytical experiment results correctly.
➔ Tasked with maintaining and editing datasets, setting up research experiments for cytokine panels and keeping department histograms up to date to not compromise our work or research.
➔ Kept cytokine testing operational and quick under extreme COVID volumes when the lab was unprepared. Turn around times stayed well within company range under this time.
➔ Directly involved with the robotic engineering department to create a custom automated machine and software. This machine was then configured in 3 months to my recommended specifications to decrease turn around time during unprecedented COVID volumes.
➔ Able to effectively communicate with the ordering department, laboratory supervisors, fellow researchers, and medical directors.
➔ Created Excel program to track specified testing data for medical director projects.
➔ Worked with the engineering department to diagnose, troubleshoot, and fix faulty equipment to minimize downtime.

**The Date-a-Base,** thedateabase.com | **view code** -
    Website application using HTML, CSS, and JavaScript. Created to solve the occasional problem of couples unable to quickly and easily think up date night ideas. Uses 3 different APIs to pull meal, drink, and movie recommendations with detailed information and pictures for each option. Currently has well over 1,000,000 unique combinations for reusability and fun.
**Challenges -**
➔ Not being able to access movieDB database reliably.
➔ Being recommended unpopular and low rated movies.
➔ Not able to display ingredients properly and having ingredients of previous get requests override new requests.
➔ Responsiveness across devices.
**Solutions -** This included optimizing JavaScript requests to only receive desired information and setting parameters in the APIs to deliver quality recommendations to the user. Correctly updating and implementing API keys fixed any API errors. JavaScript logic was also reworked to ensure previous recommendations did not override or append to new recommendations. The app was also tested across many devices and screen sizes with no bugs or viewing errors.

**Town Crier,** | **view code** -
    Fullstack social media application that uses HTML, CSS, JavaScript, Node, Express, MySQL and Socket.io that allows a user to view, post, and interact on a forum-type page restricted to their own city. Purpose was to localize social media back from always viewing global and nonlocal content. Users can find events, hear local news, and meetup with others in their area. Users' website interactions are all sent to a secure MySQL database for future analysis and retrieval.

For a list of all other smaller projects and repositories, visit **here**.

**Numerous references available on request**