Lionel Mbayu   **Full Stack Web Developer | Software Engineer**

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TECHNICAL SKILLS

Front End: React.JS, Next.JS, Redux, Hooks, Context API, Jest, Cypress, Yup, Axios, JavaScript, TypeScript, HTML, CSS, Ant Design, Sass/Less
Back End: Node.js, Express, Knex.JS, SQL, PostgreSQL, SQLite3, Docker, Python, Git CLI, GitHub, VS Code, Vercel, Heroku, Netlify
Additional: Agile Project Management, Algorithms, Architecture, Debugging, Deployment

PROJECTS

Web API, *Full Stack Developer* - Node.js   [GitHub](#)
- Created an API with **CRUD** functionality that interacts with two separate resources
- This API uses **Express** for routing between resources
- Implemented **GET**, **POST**, and **PUT** endpoints to manage all actions
- Built a database using the **Knex.JS** framework along with **SQLite3** for table design, creation, migration and seeding
- Built middleware using **Express** for route Validation

Web API with JSON Web Token, *Full Stack Developer* - Node.js   [GitHub](#)
- This API uses **Express** to create middleware for route validation, authentication and authorization
- Built a post route to register new users that utilizes a bcrypt algorithm to hash/salt user information along with a middleware to validate the user. Which in turn creates and assigns a **JSON Web token** on success
- This project also used a bcrypt compare function to validate user information, create and assign a **JSON Web token**
- The database uses the **Knex.JS** framework along with **SQLite3** for table design, creation, migration and seeding

Personal React Website, *Full Stack Developer* - React.js   [GitHub](#) | [Website](#)
- Designed and built a portfolio site with **JavaScript** and **React.js** to take advantage of reusable components.
- The site applies responsive design concepts such as **media queries**, **semantic HTML** and **CSS** to make the site more dynamic and User friendly.
- This project was deployed with **Netlify**. The purpose of the site is to showcase my development knowledge and work.

Freelance, *Remote - Full Stack Web Developer*   2023 - Present
As a freelance developer I implement web development tools and technologies. I also develop web servers using **Node.js** and **RDBMS**, including **SQLite** and **PostgreSQL.** In development i apply computer science concepts to improve and build dynamic web applications

EXPERIENCE

AON, *Remote - Consultant/Data Auditor*   2020 - 2021
- Project Management, Leading Client meetings, keeping projects on tasks and executing on deliverables
- Support Account Executive growth goals by identifying revenue opportunities where appropriate
- Partnered with the actuarial team and the broker teams to prepare and deliver financial marketing analysis models
- Plan document review and Vendor management

Prime Therapeutics, *Minneapolis, MN - Sr Account Analyst*   2018 - 2020
- Provided new and existing product development research and benefit support for large pharmacy chains including CVS and Rite Aid
- Partnered with Clinical Pharmacists and provided analysis and support for benefit design components
- Implemented updates in the Benefit Edit Tool and RxClaim systems
- Conveyed details of supportability to appropriate clients in non-technical terms, and documented the process

- Performed regular analysis and applicable testing around system capabilities to improve Networks and benefit design enhancements, and overall quality audit outcomes

Prime Therapeutics, *Minneapolis, MN - Sr Pricing Analyst*   2017 - 2018
- Reviewed standard pharmacy network contracts to determine routine system updates
- Ensured accurate system coding of Pharmacy networks for claim adjudication
- Implemented, researched, and tested client-requested network changes for Commercial, and Pharmacy programs
- Developed financial pricing models to monitor performance against pharmacy claims data and identify financial pricing opportunities to drive savings and/or meet client/pharmacy contractual obligations
- Applied mathematical, statistical, and economic analytic techniques to identify key drivers of costs and profitability in the pharmacy economic supply chain as they apply to financial pricing programs

EDUCATION

BloomTech Institute of Technology, *Graduate of the Full Stack Web Development Program*   2022 - 2023
Century Community College, *Generals*