

GOITSEMANG LEBANE

+267 76049548 / 72888748 · lebaneaustin2@gmail.com

<https://goitsemanglebane.github.io/Portfolio> · [linkedin.com/in/goitsemang-lebane-2aab28194](https://www.linkedin.com/in/goitsemang-lebane-2aab28194)

Plot 51384 Kgale View, Gaborone

PERSONAL DETAILS

Nationality - Motswana

Driving License - Class B Driving License

STRENGTHS AND EXPERTISE

Technology Integration
Data Management and Analysis
Artificial Intelligence

Automation
Process Optimization
Software Development

Team Leadership
Communication
CI/CD Pipelining (Docker,
Kubernetes, GitHub Actions)

PROFESSIONAL EXPERIENCE

Minet Botswana Web Developer

November 2023 - Present

Led the development of user-centric Insurtech web applications deployed on cloud infrastructure, facilitating seamless remote access for users. Played a pivotal role in conceptualizing and executing cloud-based applications enabling online claims submission, KYC document submission, and policy applications and payments.

Accomplishments:

- Leveraged technology to create innovative Insurance Microsite that align with the business vision and drive Minet's success in the insurance industry.
- Crafted all graphic assets for the company's marketing department, eliminating the need for external hires and outsourcing, thereby significantly reducing costs.
- Actively participated in high-level discussions, offering valuable technology insights and shaping solutions aligned with overarching business objectives concerning digital solutions.
- Took on responsibilities of database administration (PostgreSQL), infrastructure management (Google Kubernetes Engine, Docker & Kubernetes) backend and frontend development.

Seipone.ai / Seriti Insights

Full Stack Developer

January 2023 - November 2023

Product innovation and market growth by collaborating extensively with the development and Product Team to identify and prioritize new features that strategically contribute to our product's market growth and competitive edge.

Accomplishments:

- Database Management: Played a pivotal role in safeguarding our company's critical database infrastructure, utilizing PostgreSQL and PgAdmin4 to maintain impeccable data accuracy. Successfully integrated new data from CSV files, enriching our data repository and enhancing its value for informed decision-making.
- Infrastructure Management: Spearheaded the configuration and oversight of Google Kubernetes Engine, ensuring the resilience and scalability of all application deployments. Implemented best practices in leveraging Google Cloud Storage for efficient storage of static and media files, optimizing data accessibility and retrieval.

- **Deployment Excellence:** Part of end-to-end deployment processes, meticulously managing all deployments to GitHub. Leveraged GitHub Actions for seamless transitions from development to production environments, contributing to efficient project delivery and execution.
- **AI Integration:** Seamlessly integrated AI model pickle files into our backend infrastructure, harnessing the power of artificial intelligence to elevate our product's capabilities and drive innovation.
- **Backend Development:** Demonstrated expertise in developing robust backend Django applications, prioritizing responsiveness and efficiency in system operations. Utilized Postman for rigorous testing of API view endpoints, ensuring reliability and performance.
- **Frontend Integration:** Leveraged a comprehensive understanding of frontend-backend interactions to seamlessly integrate backend RESTful APIs with frontend components using React.js. This proficiency enabled the creation of intuitive user interfaces and responsive web pages, enhancing user experience and engagement.

**Vent - Freelance
Software Developer**

January 2023 - Jan 2023

Spearheaded the conceptualization, design, and development of an intuitive Admin Panel, empowering administrators to efficiently oversee content and user interactions within the Vent platform. Implemented a user-friendly and responsive dashboard interface, enhancing usability and streamlining administrative tasks.

Accomplishments:

- Conceptualized, designed, and developed an intuitive Admin Panel for efficient content and user interaction management within the Vent platform.
- Utilized cutting-edge technologies including Flask, Firebase Database, Bootstrap, and JavaScript to ensure scalability and real-time updates.
- Expertly integrated Firebase Database with Pyrebase for seamless data management and synchronization.
- Prioritized user-centric design principles, resulting in an intuitive interface optimized for ease of use and efficiency.
- Completed the project within a tight 4-week timeline, exceeding client expectations for quality and delivery.
- Demonstrated proficiency in full-stack web development and the ability to deliver high-quality solutions on time
-

**Selibe Phikwe Government Hospital (DHMT)
IT OFFICER**

June 2022 - November 2022

Accomplishments:

- Assumed vital responsibilities in the IT department during the absence of the IT Officer, ensuring the smooth operation of critical IT systems across the hospital and seven clinics under the SPGH cluster.
- Led the evaluation and accreditation process of the COHSASA IT department, actively engaging with evaluators to address questions and requirements. This hands-on approach ensured alignment with industry standards and secured accreditation, reinforcing commitment to excellence in IT governance.
- Provided indispensable technical support to hospital and clinic staff, promptly resolving software and hardware issues to minimize disruptions to operations.

- Oversaw the administration of key healthcare applications such as IPMS and PIMS, ensuring system maintenance, user support, and data integrity.
- Managed the hospital's IT infrastructure, including the main server, network cable configuration, and network cabinets, to maintain a reliable and secure IT environment.
- Established cloud servers using .NET and implemented robust backup solutions for PIMS, enhancing data security, disaster recovery capabilities, and system reliability.

EDUCATION

BACHELOR OF ENGINEERING(HONOURS) IN COMPUTER ENGINEERING BOTHO UNIVERSITY

JULY 2018 - DECEMBER 2023

Activities and societies: 2019/2020 STUDENT EXCELLENCE AWARDS

- Received Certificate of Appreciation (SRC MINISTER OF ENTERTAINMENT)
- Member of Botswana Student Network

SKILLS

Technical Skills

- Database Management: PostgreSQL, Firebase Database, MySQL
- Web/App Development: Flask, Django, React.js, Node.js, Java, C/C++
- Cloud Technologies: Google Cloud Platform, Cloud Server Creation, Backup Solutions, Cloud SQL, Cloud Storage
- CI/CD: Docker, Kubernetes, GitHub workflows
- Frontend Technologies: Bootstrap, JavaScript
- Version Control: GitHub, GitHub Actions

IT Operations

- IT Infrastructure Management
- Technical Support
- Application Administration
- Network Configuration

Adaptability and Learning Agility

- Ability to Take on Vital Responsibilities in the Absence of Key Personnel
- Continuous Learning and Adoption of New Technologies

PROJECTS

Covid-19 Vaccine Management System

Developed a desktop executable application using C and C++ to record patient vaccination details for Covid-19.

Student Management System

Created a JAVA-based system for student, staff, and admin interfaces to manage student-related information.

Steganography Software

Developed a desktop executable software using Python (Tkinter Library) to hide and encrypt messages within images.

Deep Learning and Natural Language Processing Chatbot

Built an AI chatbot using Python with Pytorch, Pandas, Numpy libraries, and NLTK for natural language processing.

Deep Learning and Natural Language Processing Chatbot

Built an AI chatbot using Python with Pytorch, Pandas, Numpy libraries, and NLTK for natural language processing.

ACHIEVEMENTS AND AWARDS

META - FULL STACK SOFTWARE ENGINEER

META - BACK-END DEVELOPER PROFESSIONAL CERTIFICATE (9 COURSES)

META - FRONT-END DEVELOPER PROFESSIONAL CERTIFICATE (9 COURSES)

GOOGLE - IT AUTOMATION WITH PYTHON PROFESSIONAL CERTIFICATE (6 COURSES)

IBM - ARTIFICIAL INTELLIGENCE SPECIALIZATION (6 COURSES)

REFERENCES

References to be supplied on request.