

Emmanuel Bett

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ABOUT ME

Full-stack Developer with 2+ years building scalable web and mobile applications. Experienced in Laravel backend development with strong API design skills, and expanding into mobile development with Flutter, Swift/iOS, and Kotlin/Jetpack Compose. Proven ability to integrate frontend applications with robust backend services, optimize database performance, and deliver quality code through comprehensive testing. Passionate about creating seamless user experiences across web and mobile platforms

WORK EXPERIENCE

🏢 **@iLab Africa, Strathmore University** – Nairobi, Kenya

City: Nairobi | Country: Kenya

Junior Software developer

[05/08/2024 – Current]

- Built and deployed cross platform mobile apps with flutter, leveraging Dart, state management (Provider or Riverpod), and REST APIs.
- Integrated native plugins for mobile capabilities (camera, location, notifications), demonstrating ability to work across iOS and Android environments.
- Developed server-side logic in Laravel, designing and consuming RESTful APIs to support Flutter and Vue.js front-ends.
- Collaborated on frontend integration using Vuejs, Pinia, and Tailwind CSS, gaining transferable skills to Jetpack Compose and SwiftUI.
- Designed scalable MySQL schemas and optimized queries and indexes to support responsive mobile and web applications.
- Wrote unit and E2E tests using PHPUnit and Cypress, applying testing best practices applicable to Flutter (flutter_test, Mockito) and native mobile frameworks.
- Familiar with Docker, CI.CD, and Linux-based deployments enabling automated builds and app delivery pipelines.
- Currently upskilling in Swift and Kotlin, building simple apps using SwiftUI and Jetpack Compose to deepen native mobile proficiency.

🏢 **@iLab Africa, Strathmore University** – Nairobi, Kenya

City: Nairobi | Country: Kenya

Software Developer Intern

[01/05/2024 – 30/07/2024]

- Published a npm package to format number with commas as the user inputs (Vuetify)
- Collaborated with junior and senior developers to ensure timely project delivery
- Assist in back-end development in Laravel
- Collaborated with design team to implement responsive UIs

🏢 **CloudFactory** – Nairobi, Kenya

City: Nairobi | Country: Kenya

Data Annotator

[01/01/2023 – 07/05/2024]

- Locate, label, and categorize various elements in large textual and image/video datasets
- Avail data to be processed for Computer Vision which in turn provides analysis to derive actionable information
- Implement annotation procedures to achieve consistent annotations
- Report and document issues with annotation tools and processes
- Provide feedback for efficient labeling and improvement of data quality
- Demonstrated time management and organization by delivering projects on time and efficiently

EDUCATION AND TRAINING

Msc. Data Science & Analytics

Strathmore University [02/06/2025 – Current]

City: Nairobi | Country: Kenya | Website: <https://strathmore.edu/> | Level in EQF: EQF level 7

Bachelor Of Business Information Technology

KCA University [10/10/2020 – 29/11/2024]

City: Nairobi | Country: Kenya | Website: <https://www.kcau.ac.ke/> | Field(s) of study: Information and Communication Technologies: • Software and applications development and analysis | Final grade: Second Class Honors- Upper Division | Level in EQF: EQF level 6

Activities and Societies: AIESEC Club, ISACA Student Group, KCAU Cyber Security Club

Technical: Database Administration, Artificial Intelligence, SQL, Excel, Python, MATLAB, SAS, R, Hadoop, Java Programming, C++, ETL, Web Development, IoT, Mobile Computing, Artificial Intelligence

Mathematical: Statistical Modelling, Calculus, Simulation and Modelling, Operations Research.

Business: Finance, Accounting, Digital Marketing, Business & IT Law, Business Ethics

Kenya Certificate of Secondary Education

Nakuru High School [02/01/2016 – 18/11/2019]

City: Nakuru | Country: Kenya | Level in EQF: EQF level 5

LANGUAGE SKILLS

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

State Management (Provider/Riverpod) / PHP / REST API integration / Vue.js / Git / SQL / Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access / Eloquent ORM / Flutter / Swift / Pinia