CHEPTOYEK BILL
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Objective

As a software engineering student, I am eager to secure an internship position where I can apply my technical skills and gain practical experience in software development while contributing to the efficient delivery of projects."

Education

- **Makerere University**
  Bachelor of Science in Software engineering
  Second Class

2021-2025

Skills

- Proficient in programming languages like
  -Python(applied it mostly for Data science)
  -Java
  -Php(applied it in web development)
  -Kotlin(applied it in android applications development)
- Development tools, proficient with Git for version control, Visual studio for development, Intellij Idea for development, and pycharm for development as well
- Database management, well versed with MySQL and MongoDB
- Problem-Solving: good at troubleshooting and Solving software errors

Projects

- **ANKA BUSINESS SERVICES SYSTEM**
  Anka is a robust business services system built on the Laravel framework, designed to streamline operations and enhance efficiency for businesses of all sizes. With intuitive features for client management, project tracking, invoicing, and more, Anka empowers businesses to manage their operations seamlessly. Built with scalability and customization in mind, Anka offers a flexible solution tailored to meet the unique needs of your business.

  Technologies Used:
  Laravel Framework PHP
  MySQL, HTML/CSS, JavaScript
  Third-party APIs integration(credit scoring, payment gateways)
  Version control(Git)
- **SMART HOME ANDROID APPLICATION**
  This application allows you to control your home devices remotely from your Android device.

  Technologies Used:
  Kotlin Programming Language
  Android SDK
  Android Jetpack (ViewModel, LiveData, Room Persistence Library)
  Retrofit for RESTful API communication
  MQTT for IoT communication
  OAuth2 and JWT for authentication and authorization
  Firebase for analytics, crash reporting, and cloud messaging
- **Recess_data_science_project**
  The Recess data science project is one that focuses on analysis of UACE results clearly giving insights on performances in different years country wide and even zeroing down to different regions, this project can be of help while trying to improve performances or when trying to figure out reasons why the results are how they are
- **LOAN MANAGEMENT SYSTEM**
  Project Overview: Developed a comprehensive Loan Management System using the Laravel framework, aimed at automating and streamlining the loan processing and management procedures.

  Technologies Used:
  Laravel Framework PHP
  MySQL, HTML/CSS, JavaScript
  Third-party APIs integration like credit scoring and payment gateways
  Version control (e.g., Git)

Experience

- "Though I'm a student with limited professional experience, I'm eager to apply my theoretical knowledge and skills to a software engineering internship. I'm enthusiastic about learning from experienced professionals and expanding my expertise in the field."

Reference

- **Kimbugwe Nasser**
  Makerere University
  Lecturer
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