

# DARLENE BRIDGETE

## Software Engineer

Phone: +254113232734 | Email:

darlenebridgete4@gmail.com

[www.linkedin.com/in/darlene-bridgete-0b8861236](https://www.linkedin.com/in/darlene-bridgete-0b8861236)

## PROFESSIONAL SUMMARY

A highly motivated and diligent software engineer with a strong foundation in web and mobile development, cybersecurity, and data management. Equipped with hands-on experience in building and deploying responsive web applications, dynamic mobile apps, and secure, scalable backend systems. Demonstrated proficiency in a variety of programming languages and frameworks including Python, JavaScript, TypeScript, React, Flutter, and Flask. Adept at solving complex problems, collaborating with cross-functional teams, and continuously learning to stay updated with emerging technologies. Seeking an entry-level software engineering role where I can leverage my skills and passion for technology to contribute to innovative projects and drive organizational success.

## EXPERIENCE

### *Web Developer, Greatest Interactive*

- Developed and customized WordPress themes and plugins to meet client requirements.
- Collaborate with cross-functional teams to develop and maintain web applications using React and Node.js.
- Conduct code reviews and optimize existing code for better performance and scalability.
- Implement responsive design techniques to ensure applications function seamlessly across devices.

### **Freelance Developer**

#### *Self-Employed*

*June 2024 - Present*

- Designed and developed custom WordPress sites for various clients across different industries.
- Integrated third-party APIs and developed custom functionalities using PHP and JavaScript.
- Provided ongoing support and maintenance, ensuring site security and uptime.

## PROJECTS

### **Portfolio Website**

*Built with Next.js, Tailwind CSS, and Framer Motion*

- Developed a responsive and dynamic portfolio website showcasing personal projects

and skills.

- Integrated animations for a smoother user experience using Framer Motion.
- Implemented SEO best practices to enhance website visibility.

## **Weather Dashboard**

*Built with React and Vite*

- Created a weather dashboard app using React and Vite that fetches real-time weather data from the Rapid API.
- Designed a clean and intuitive user interface with responsive design.
- Implemented API error handling and optimized performance for faster load times.

## **E-Commerce Application**

*Full-Stack Development with Flask and React*

- Developed a full-stack e-commerce application with a Flask backend and React frontend.
- Implemented user authentication, shopping cart functionality, and payment integration using Stripe API.
- Used PostgreSQL for database management and SQLAlchemy for ORM.

## **AI Mental Health App**

*Flutter Mobile Application*

- Developed an AI-powered mental health app with features including a chat interface, therapy sessions, and a personalized learning page.
- Integrated Firebase for real-time database management and authentication.
- Focused on UI/UX design principles to ensure a user-friendly experience.

# **EDUCATION**

## **Bachelor of Business Information Technology**

*Multimedia University of Kenya*

Expected Graduation:2026

Relevant Coursework: Software Development, Data Structures & Algorithms, Web Development, Database Systems, Cybersecurity, Network Security.

***Kenya Certificate of Secondary School,K.C.S.E 2018 - 2021*** The Kenya High School

# **SKILLS**

## **Technical Skills:**

- **Programming Languages:** Python, JavaScript, TypeScript, Dart, HTML, CSS.
- **Frameworks and Libraries:** React, Next.js, Flask, Django, Node.js, Express.js, Flutter.
- **Database Technologies:** MySQL, PostgreSQL, MongoDB, Firebase.
- **Web Development:** WordPress, RESTful APIs, GraphQL, Responsive Design, UI/UX Design.
- **Mobile App Development:** Flutter, Android Studio, Firebase Integration.
- **Tools & Platforms:** Git, GitHub, Docker, Heroku, AWS, Vercel.
- **Security:** Web Application Security, Network Security, OWASP Top 10, Cryptography, Secure Coding Practices.

### Soft Skills:

- **Problem-Solving:** Skilled in breaking down complex problems and developing efficient solutions.
- **Communication:** Strong ability to articulate technical concepts and collaborate with clients and teams.
- **Adaptability:** Quick to learn and implement new technologies and frameworks.
- **Time Management:** Capable of prioritizing tasks and meeting deadlines.
- **Attention to Detail:** Committed to writing clean, well-documented, and maintainable code.

## PROFESSIONAL DEVELOPMENT

- **CISSP Certification** – Simplilearn
  - Completed a comprehensive course on Certified Information Systems Security Professional (CISSP) covering key areas of cybersecurity, including risk management, cryptography, and secure software development.
- **Introduction to Data Analytics** – Simplilearn
  - Acquired foundational knowledge in data analysis, including statistical analysis, data visualization, and the use of tools like Excel and SQL for data manipulation and insights generation.
- **Fullstack Development 101** – Simplilearn
  - Gained a solid understanding of full-stack development, including both front-end and back-end technologies such as HTML, CSS, JavaScript, Node.js, and database management systems.
- **JavaScript Mastery Course** – JavaScript Mastery
  - Completed an extensive course on Next.js, Framer Motion, and Tailwind CSS for advanced front-end development.
- **Advanced Flask and Python Course**
  - Gained in-depth knowledge of Flask, RESTful APIs, and advanced Python concepts.