Brian Kipchumba

kipchumbamelly001@gmail.com
+254700397760
Cheptiret, Eldoret, Kenya

PROFILE

A Computer science student at Chuka university, Awarded the "Best Undergraduate Research Project" for developing an innovative machine learning algorithm to analyse resumes.

My technical skills include:

I. Programming Languages: Python, Java, JavaScript
II. Web Development: HTML, CSS, React, Node.js
III. Databases: SQL, MongoDB, PostgreSQL
IV. Machine Learning: TensorFlow, Scikit-learn
V. Version Control: Git, GitHub
VI. Operating Systems: Windows, Linux, macOS
VII. IDEs and Tools: Visual Studio Code and PyCharm

Soft skills include:

I. Excellent Communication Skills: Able to effectively convey complex technical concepts to both technical and non-technical audiences through clear and concise written and verbal communication.
II. Analytical and Problem-Solving Skills: Strong analytical and logical reasoning abilities, with a proven track record of identifying and resolving complex problems through structured and innovative approaches.
III. Teamwork and Collaboration: Experienced in working collaboratively within cross-functional teams, fostering a positive and productive work environment through active listening, constructive feedback, and effective conflict resolution.
IV. Time Management and Organizational Skills: Adept at prioritizing tasks, managing multiple projects simultaneously, and meeting deadlines in a dynamic and fast-paced environment.
V. Adaptability and Continuous Learning: Embracing change and actively seeking out opportunities for personal and professional growth, with a commitment to staying up-to-date with the latest industry trends and technologies.
VI. Leadership and Mentoring: Demonstrated leadership skills through leading team projects, mentoring junior team members, and taking initiative in driving project objectives.
VII. Attention to Detail: Meticulous and detail-oriented, with a strong commitment to producing high-quality work and ensuring accuracy in all aspects of project execution.
VIII. Creativity and Innovation: Ability to think outside the box and generate innovative solutions to complex problems, leveraging a diverse range of perspectives and approaches.

Keen to pursue a career in:

Seeking opportunities in the field of cybersecurity, where I can leverage my expertise in network security, ethical hacking, and risk assessment as a Cybersecurity Analyst or Security Engineer.

EDUCATION

Chuka university | Tharakanithi, Kenya   *April 2024*
Diploma in computer science
Award: certificate in computer science

Laboret boys high | Nandi, Kenya   *November 2020*
High School certificate
Subjects: computer studies (A plain), Geography (B plain),

VOLUNTEERING

Mercy Corps | Taveta, Kenya   April *2024 – Present*

Web Developer Volunteer, Mercy Corps

I.   Designed and developed a responsive website for Mercy Corps to increase online visibility and donor engagement.
II.   Collaborated with the communications team to understand organizational objectives and user requirements, ensuring alignment with Mercy Corps' mission and brand identity.
III. Implemented features such as donation forms, event calendars, and multimedia content to enhance user experience and facilitate online donations.
IV.   Utilized HTML, CSS, JavaScript, and WordPress to create custom themes and plugins tailored to Mercy Corps' needs.
V.   Conducted usability testing and gathered feedback from stakeholders to iterate on website design and functionality, optimizing performance and accessibility.
VI.   Trained Mercy Corps staff on website maintenance and content management processes, empowering them to update and manage website content independently.
VII. Volunteered remotely for 6 months, dedicating approximately 10 hours per week to the project.
VIII. Key Achievements:

IX.   Successfully launched the new Mercy Corps website, resulting in a 30% increase in online donations and a 20% increase in website traffic within the first three months.
X.   Received positive feedback from Mercy Corps stakeholders and website users for the improved user interface, intuitive navigation, and engaging multimedia content.
XI.   Contributed to the organization's digital fundraising efforts, helping Mercy Corps continue its humanitarian work in conflict-affected and vulnerable communities worldwide.

ACHIEVEMENTS

Project Launches:

I.   Successfully launched 4 websites, demonstrating proficiency in the full development lifecycle from concept to deployment.
II.   Led the development team in launching a high-traffic e-commerce platform, resulting in a 20% increase in sales within the first quarter.
III. Performance Optimization:

      Optimized website loading times by implementing caching strategies and image compression techniques, resulting in a 30% improvement in site speed.
IV.   Integration and API Development:

Integrated third-party APIs (e.g., payment gateways, social media platforms) to extend website functionality and streamline business processes, enhancing user engagement and conversion rates.

V.   Developed custom APIs to enable seamless communication between disparate systems, facilitating data exchange and automation of workflows, resulting in improved operational efficiency.

ADDITIONAL SKILLS

Languages: Python
Microsoft Office: Proficient in Word, Excel and PowerPoint
Skill: Photography and Videography

HOBBIES & INTERESTS

I.   Personal Website Development: Building and maintaining your own personal website can demonstrate your passion for web development and serve as a showcase for your skills and projects.

II.   Open Source Contributions: Contributing to open-source projects related to web development can be both a hobby and a professional development activity. It showcases your commitment to learning and collaborating within the developer community.

III.   Attending Tech Meetups and Conferences: Participating in tech meetups, workshops, and conferences related to web development can demonstrate your interest in staying up-to-date with industry trends and networking with other professionals.

IV.   Blogging or Technical Writing: Writing blog posts or articles about web development topics can showcase your communication skills and expertise in the field. It also demonstrates your ability to explain complex concepts in a clear and understandable manner.

V.   Experimenting with New Technologies: Spending time exploring and experimenting with new web development technologies, frameworks, or libraries as a hobby can demonstrate your curiosity and willingness to learn.

VI.   Building Web Apps or Games: Developing web applications, games, or interactive projects as a hobby can showcase your creativity and problem-solving abilities. It also provides hands-on experience with different aspects of web development.