

# Daniel Karanja

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## Personal Profile Statement

I'm Daniel Karanja, a tech enthusiast with a knack for innovation. As a freelance web developer and full stack software engineer, I'm committed to using technology to enhance life. My skills also extend to cloud and dev ops.

## Education

- **2019-2023:** BSC Computer-science **Pwani University**
- **2018-2019:** Certificate in Web development **BEAM international college**

## Experience

### Software Developer at Christiane School (Jan 2021 - Present)

#### Work description

- **Digitized Finance Management:** Spearheaded the development and implementation of a comprehensive Finance Management System, optimizing income tracking, salary management, and expenditure monitoring for improved financial efficiency.
- **Staff Management Portal:** Designed and constructed a user-friendly Staff Management Portal, streamlining administrative tasks and enhancing staff communication and record-keeping.
- **Automated Bulk SMS System:** Created an automated Bulk SMS System, integrated with the school's Student Management System, enabling timely fee reminders and important notifications to parents in alignment with the school calendar.
- **Website Development and Maintenance:** Took charge of developing and maintaining the school's website, ensuring it remains up-to-date, visually appealing, and informative for students, parents, and stakeholders.

### Intern at Kenya Civil Aviation Authority (May 2022 – August 2022)

#### Work description

- Junior software and network engineer
- System administration and ICT support
- Server management and weekly backups

## Qualifications

- Huawei seeds for the future
- UNESCO India Africa Hackathon finalist
- Microsoft Game of Learners season 4
- Microsoft Game of Learners exhibition hackathon
- Web design and development (BEAM Intl)
- Cisco cybersecurity
- Cisco networking fundamentals

## Skills

- Proficiency in Next JS, React JS, Node JS and Express JS for management systems and web app development.
- Excellent knowledge in front end web development/programming (HTML, CSS, JavaScript) and backend web development (PHP, MySQL, Python) including use of WordPress, Joomla and other digital web development platforms.
- Excellent knowledge of Figma for UI/UX designs.
- Low code app development platforms like Microsoft power platform and power BI.
- Networking architecture, cyber security and virtualization.

## Hobbies and Interests

Reading inspirational books, understanding new cultures and ways of living, discovering new ways to productively use the internet, solving puzzles and socializing.

## Reference

Mr. Gabriel Wainaina

Head of ICT: East African school of aviation

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