

Shadrack Bett

Software Developer

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PROFESSIONAL SUMMARY

Motivated Software Developer with over 1 year of hands-on experience specializing in building and maintaining server-side applications. Proficient in Python, JavaScript, Flask, and React, with a focus on financial systems and integrations. Experienced in designing scalable applications, system monitoring, and troubleshooting. Adept at implementing DevOps technologies and optimizing system performance.

CORE COMPETENCIES

- **Programming Languages:** Python, Java, JavaScript (ES6+), Node.js
- **Backend Technologies:** Flask, REST APIs, Node.js, Express.js, Spring Boot
- **Frontend Technologies:** React, HTML5, CSS3, TailwindCSS, Next.js, AngularJS
- **Database Management:** SQL, PostgreSQL, MongoDB
- **DevOps Tools:** GitHub, Docker, CI/CD, Jenkins
- **System Monitoring:** Application performance monitoring, alerting strategies, incident handling
- **Development Practices:** Agile methodologies, ITIL Service Operations, Scrum Fundamentals
- **Additional Skills:** Problem-solving, architecture optimization, detailed root cause analysis, documentation

PROFESSIONAL EXPERIENCE

Freelance Developer

Self-Employed | December 2024 – Present

- Designed and maintained scalable web applications using Node.js and React, ensuring seamless server-client integration.
- Built and consumed RESTful APIs, integrating third-party financial services for enhanced application functionality.
- Automated routine tasks using Python scripts, improving operational efficiency.
- Conducted root cause analysis for technical issues, ensuring system reliability and minimizing downtime.
- Developed and implemented secure payment integrations aligned with best practices.
- Prepared performance reports and technical documentation for stakeholders.

Software Developer Intern

DevHub Africa | October 2024 – December 2024

- Contributed to the development of server-side applications using Node.js and Express.js.
- Assisted in designing and implementing RESTful APIs to support frontend components.
- Participated in code reviews and architecture discussions to improve system scalability.
- Monitored application performance, implementing alerts to identify issues proactively.
- Documented technical specifications and updated knowledge bases to streamline team workflows.

PROJECTS

Financial Integration Platform (Freelance)

- Developed a secure platform for payment processing using Spring Boot and React.
- Ensured high availability (99.999%) through system monitoring and automated alerts.
- Integrated APIs for mobile money transactions and third-party financial systems.

KaziQonnect (School Project) - [Live Demo](#)

[Project Presentation](#)

- Built a web application to track attendance using Node.js for backend logic and React for frontend design.
- Implemented database management with SQL, ensuring data integrity and scalability.
- Conducted unit testing to validate system reliability and performance.

CERTIFICATION

1. **Software Engineering** | Moringa School
2. **Data Structures and Algorithms** | Zindua School
3. **AWS Cloud Practitioner Essentials** | Coursera
4. **Scrum Fundamentals Certified (SFC)**

EDUCATION

University of Nairobi

Bachelor of Science in Computer Science (Deferred to pursue software engineering course)

VOLUNTEER EXPERIENCE

- Built and maintained a responsive website for a local church using Node.js and React, integrating secure payment systems.

REFEREES

[Clinton Sang](#)

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ICEA LION GROUP.
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