JAMES SAVALI

SENIOR SOFTWARE ENGINEER

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PROFILE

Results-driven Senior Software Engineer with 6 years of experience in backend development, building scalable systems. Proficient in Python and JavaScript, demonstrating expertise in integrating cross-platform systems and optimizations through data-driven insights. Committed to fostering collaboration, achieving a significant reduction in bugs through teamwork, and enhancing user experiences in high-traffic applications. Passionate about continuous learning and delivering high-quality software that meets user needs and business goals.

TECH SKILLS

Python	Flask	Django, DRF & Graphene	PostgreSQL
Data scraping	Javascript	HTML, CSS & React	CI/CD
Docker	Logging & Metrics tools	Testing & linting	Payment Integrations

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WORK EXPERIENCE

Senior software Engineer, Neal Street Technology, London   **Jan 2025 — Present**
- Designing and implementing scalable backend payment systems, integrating APIs and third-party gateways to enable secure, real-time transaction processing.

Senior Backend Engineer, Teya   **Mar 2022 — Feb 2025**
- Integrating and maintaining rewards management systems & payment service providers using Python and Django.
- Performing ETL processes on over 10 million data records and producing insightful reports for merchants.
- Through active collaboration with the QA team, realized a 20% reduction in reported bugs, improving application availability.

Lead Full stack Engineer, Playfooz   **Nov 2021 — Mar 2022**
- Led a team of 5 in the development of ArabMillionaire, a React.js and Django-based online gaming web app.
- Attained a complete rebrand of assets from ArabMillionaire to Playfooz, resulting in 10% more customer retention on the consumer application.
- Achieved a web app with an intuitive user interface and 20k+ active users.

Senior Backend Engineer, UNXD   **Jun 2021 — Oct 2021**
- Orchestrated a django-based platform, successfully hosting the Dolce & Gabbana 'Collezione Genesi 1' NFT auction.
- The cloth-piece based auction closed after generating $5.7 million in sales.

Software Engineer, Medbook Africa, Nairobi   **Oct 2019 — Dec 2020**
- Played a pivotal role in delivery of 2 projects optimizing the process of medical insurance claims.
- Currently, each project handles over 2000 patient claims daily.

Software Engineer, Andela, Nairobi   **Sep 2018 — Sep 2019**
- Contributed significantly to the creation of 4 in-house web applications, leveraging Python, Django, and React.
- Achieved 50% wait time reduction by implementing a Slack-based algorithm for optimizing internal office booking.

OTHER SKILLS

Adaptable team player focused on collaboration, innovation, and continuous growth.

EDUCATION

Bachelor of Science in Computer Science   **Sep 2015 — Apr 2020**
Multimedia University of Kenya, Nairobi