

Clinton Tovesi

Experienced Software Engineer with years of expertise in designing and developing scalable industrial standard software for clients. Proficient in core java, Spring boot, RESTful APIs, Flutter, React Native and Payment integrations. Skilled in CI\CD pipelines, Docker and AWS deployments, with strong team collaboration and agile development practices.

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📍 Nairobi

🐙 Toves99

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WORK EXPERIENCE

Flag42, Nairobi

Backend Developer

Jan 2024 - Present

- Serve as a seasoned member of agile team to design, develop, and deliver secure, stable, and scalable software solutions.
- Develop and maintain web applications, implementing RESTful microservices and ensuring seamless integration with RDMS.
- Implemented mocking and spying with Jest to isolate modules and test complex interactions between dependencies.
- Experience with SSO (Single Sign-On) solutions, integrating third-party identity providers using SAML and OAuth2, and configuring JWT token-based authentication.
- Experience with MySQL including database design, querying, and optimization of SQL queries.
- Integrate CI/CD pipelines using Jenkins, manage containerization with Docker, and orchestrate deployments with Kubernetes to ensure application resiliency and streamlined operations.
- Actively participate in software engineering communities of practice, promoting culture of innovation, collaboration, diversity, equity, and inclusion within the team.
- Gained practical experience with Linux OS for server management and deployment tasks.
- Leveraged AWS services including EC2, S3, and RDS to build and manage scalable cloud infrastructures, implementing CloudFormation for automated and consistent resource deployment.

Human sense Ltd, Nairobi

Software Engineer Intern

Jan 2021 - April 2021

- Collaborated with a team of 3 to implement RESTful API using core JAVA and servlet ensuring seamless data flow between the frontend and backend.
- Collaborated with a team in building cross-platform mobile app using Flutter (Dart).
- Managed and maintained source code repositories using version control systems like Git and GitHub, ensuring code integrity and collaboration efficiency.
- Collaborating with the team in software testing and analysis to ensure high-quality deliverables.
- Participated in code review and followed agile methodologies, improving code quality and development efficiency.
- Deployed applications on the AWS S3 and EC2 ensuring scalability and 99.9% uptime.
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Genius Link Creations, Nairobi

Part Time Fullstack Software Developer

Jan 2022 - Sept 2022

- Developed and maintained scalable, high-performance web applications using core java and spring boot for building robust backend systems.
- Built and maintained the company's cross-platform mobile app using Flutter (Dart), implementing responsive design and optimizing performance.
- Collaborating with the team in software testing and analysis to ensure high-quality deliverables.
- Designed and integrated complex multi-threaded and distributed systems to handle high volume of transactions and ensure resilience and performance.

EDUCATION

Chuka University

PROJECTS

KE-CIRT App

- Mobile app for communications authority of Kenya for Kenyans to track and report cybersecurity issues.
- Built with React Native(Typescript) for frontend and Java, Spring boot for backend.
- Available on the playstore.

SUNWelfare App

- Mobile app for the Shofco organization to manage their welfare.
- Built with React Native (Typescript) for fronted and Java ,Spring boot for backend.
- Available on the playstore.

Shofco ussd App

- Ussd app for shofco organization to manage their welfare.
- Built using Spring boot and Java and laving safaricom gateway.
- Available on *545#

Vehicle app

- Insurance app targeting vehicles for kenbright insurance company.
- Built using flutter (dart) for frontend and Java,Spring boot for backend.
- Not available on playstore.

Bonga secure App

- A chat app for a private firm to facilitate highly secure chats.
- Built using flutter (dart) for frontend and Spring boot,Java for backend.
- Not available on the playstore.

SKILLS

Languages: core Java,PHP,Javascript,C#.

Frameworks:Spring boot,Flutter,React Native,React.Js.

Cloud/Databases/Tech-stack:Postgres,Mysql,AWS services.

Prometheus:Kubernetes,Docker.

OS:Linux,Mac,Window.

Software Architecture design:Drawio.

Project Management tools:jira,trello.

REFEREES

Mark Nandwere

- Project Manager Flag42 Kenya
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- CEO Genius Link Creations
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