

Ropy Kevin

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Professional Summary

Enthusiastic and results-driven Software Developer with 4 years of experience in designing, implementing, testing, and maintaining software solutions. Adept at collaborating with cross-functional teams to drive project success. Proficient in various programming languages, development frameworks, and technologies. Strong problem-solving skills and a commitment to staying current with industry trends and advancements.

Technical Skills

- **Languages:** Java, Python, JavaScript (ES6/TypeScript), C++
- **Web Technologies:** HTML5, CSS3, Angular, React, Flask
- **Database:** PostgreSQL, MySQL, SQLite, MongoDB, Firebase
- **Containerization:** Docker, Kubernetes
- **Version Control:** Git, Git-flow Workflow
- **CI/CD:** Jenkins, Bitbucket Pipelines
- **Cloud Services:** AWS, Azure
- **API Development:** REST, WSDL, FAST
- **Authentication:** OAuth2, JWT, API key, Keycloak
- **Monitoring:** Prometheus, Grafana

Professional Experience

Software Developer/Trainer Techcamp Kenya | January 2021 - Present

- Developed and maintained microservices-based architecture, API gateways, and MVC web applications.
- Implemented front-end solutions using Angular, React, and Ionic/Capacitor, ensuring efficient UI design and optimal user experience.
- Proficient in SQL and NoSQL databases, designing ERD schemas, and writing complex queries.
- Led containerization efforts using Docker and Kubernetes, ensuring smooth deployment across different environments.
- Integrated external APIs (WSDL and REST) and worked on middleware to facilitate data integration from various sources.
- Automated testing and deployment processes, implementing CI/CD pipelines with Jenkins and Bitbucket Pipelines.
- Collaborated in Agile projects, using Jira for project management and Git-flow workflow for version control.
- Assisted in the development of web applications and provided support for system enhancements.
- Participated in the implementation of various authentication principles, including OAuth2 and JWT.
- Worked with messaging and queuing services, integrating Apache Kafka with Apache Storm.
- Contributed to DevOps practices, deploying applications to production and staging areas.
- Utilized cloud services such as AWS and Azure for application deployment and maintenance.

Education

Diploma in computer science, Rift Valley Technical Training Institute 2021

Projects

1. E-commerce Platform

Description:

Designed and implemented a full-fledged e-commerce platform using Angular for the front end and Node.js with Express for the backend. Integrated with PayPal and Stripe for payment processing. Implemented user authentication using JWT tokens and ensured secure communication between the client and server.

Technologies:

Angular, Node.js, Express, MongoDB, JWT, PayPal API, Stripe API

2. Inventory Management System

Description:

Created an inventory management system using Python Flask for the backend and Angular for the frontend. Implemented CRUD operations for product management, user authentication, and role-based access control. Integrated with a PostgreSQL database for data storage.

Technologies:

Python Flask, Angular, PostgreSQL

3. Weather App with Microservices Architecture

Description:

Developed a weather application with a microservices architecture using Spring Boot for the backend services and Angular for the frontend. Integrated with third-party weather APIs for real-time weather data. Implemented containerization using Docker and orchestrated microservices with Kubernetes.

Technologies:

Spring Boot, Angular, Docker, Kubernetes, FAST APIs

Additional Information

- Strong problem-solving and critical-thinking skills.
- Excellent communication and collaboration abilities.
- Stay updated with industry trends and emerging technologies.
- Willingness to learn and adapt to new challenges.

References

Available upon request.