Edwin Kibet Kemboi

Backend Software Engineer

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Profile

Results-driven backend software engineer with over 5 years of experience designing and implementing scalable software solutions for ERP, e-commerce, and technology platforms. Proficient in microservices, APIs, and cloud technologies, with a strong focus on agile methodologies and client satisfaction.

Skills

- **Languages & Frameworks**: Java (Spring Boot, WebFlux), Python (Django, Flask), Kotlin, TypeScript, C#, Node.js, Next.js, React.js, Vue.js, Flutter, React Native
- **API Development**: GraphQL, RESTful APIs, Tibco Software
- **Cloud & DevOps**: AWS (EC2, S3, RDS, Lambda), Docker, Kubernetes, Jenkins, GitLab CI/CD, AWS CodePipeline
- **Databases**: PostgreSQL, Oracle SQL, MongoDB, MySQL
- **Tools**: Jira, Rally, Adobe Illustrator
- **Methodologies**: Agile, Continuous Integration/Continuous Deployment (CI/CD)
- **Soft Skills**: Excellent communication, collaboration, problem-solving, and diagnostic skills

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Professional Experience

Software Engineer (Freelance)

Freelance | Dec 2023 – Present
- Developed and maintained scalable web applications using Python (Django, FastAPI) and deployed them on AWS (EC2, S3, RDS, Lambda).
- Built mobile applications with Flutter, ensuring cross-platform compatibility and performance.
- Automated CI/CD pipelines using Jenkins, GitLab CI/CD, and AWS CodePipeline, reducing deployment time by 30%.
- Leveraged Docker and Kubernetes for containerization and orchestration, improving application scalability.
- Designed and maintained frontends with React and Next.js, enhancing user experience and performance.

Software Engineer

Safaricom PLC, Nairobi, Kenya | Nov 2020 – Dec 2023
- Engineered microservices using Java/Kotlin (Spring Boot) and Tibco, improving system modularity and performance.
- Designed scalable GraphQL and Node.js APIs, optimizing schema design and data fetching for high-performance applications.
- Deployed microservices on AWS, ensuring high availability and fault tolerance.
- Enhanced CI/CD scripts, streamlining integration and deployment processes in an agile environment.
- Developed TypeScript-based web applications with React.js and Next.js, improving frontend reliability.

Software Engineer

Cars45 Kenya, Nairobi, Kenya | Aug 2019 – Oct 2020
- Built interactive user interfaces with React.js (TypeScript), CSS, and Flutter for web and mobile applications.
- Developed a Django-based web application and RESTful APIs using Node.js and Django REST Framework.
- Created cross-platform mobile apps with React Native and Flutter, improving user engagement.
- Optimized e-commerce websites for SEO, increasing Google search rankings by 25%.
- Designed marketing materials using Adobe Illustrator to support business campaigns.

Software Engineer

Intsoft Kenya Limited, Nairobi, Kenya | Dec 2017 – May 2019
- Developed cloud-based ERP systems for performance, inventory, and financial management using ASP.NET.
- Conducted code reviews, verified pull requests, and merged updates to the main branch, ensuring code quality.
- Troubleshot and resolved bugs, implementing permanent solutions to enhance system stability.
- Analyzed client requirements and delivered tailored software solutions, improving operational efficiency.

Projects

- **SquadScope (PUBG Analytics Platform)**
  pubg.squadscope.zone
- Developed a web-based analytics platform for PUBG players to track performance metrics and game statistics.
- Utilized React.js and Node.js for the frontend and backend, with AWS for deployment and scalability.

- Integrated RESTful APIs to fetch real-time game data, enhancing user engagement and experience.

Education

- **Bachelor of Science in Computer Technology** (Second Class Honors)
  Meru University, Kenya | 2013 – 2017
- **Kenya Certificate of Secondary Education** (B Plain)
  Terige High School, Kenya | 2009 – 2012

References

Available upon request.