




# Edwin Kibet Kemboi

## Backend Software Engineer

 edwynkemboy@gmail.com |  +353 89 9486793 |  [ekkemboi.github.io](https://github.com/ekkemboi)

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## 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.
- 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.

## 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.
- Analyzed client requirements and delivered tailored software solutions, improving operational efficiency.

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## Projects

- **SquadScope (PUBG Analytics Platform)** [pubg.squadscope.zone](http://pubg.squadscope.zone)
- Developed a web-based analytics platform for PUBG players to track performance metrics and game statistics.
- Utilized React.js with TypeScript and Python FastAPI for the frontend and backend, with AWS for deployment and scalability.
- Integrated RESTful APIs to fetch real-time game data, enhancing user engagement

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## 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

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## References

Available upon request.