**JORBAT COLLINS**

**Software & Blockchain Developer**

**Phone:** +254 725 748 187 | **Email:** jbcollins254@gmail.com  
**GitHub:** [github.com/JBcollo1](https://github.com/JBcollo1) | **Portfolio:** [jorbatcollins.dev](https://jorbatcollins.netlify.app/)  
**Location:** Nairobi, Kenya**PROFESSIONAL SUMMARY**

Results-driven full-stack developer with 9+ months of professional experience delivering web applications and blockchain solutions. Completed 10+ projects across internships and freelance work, serving 100+ end users. Reduced application load times by 40-60% through optimization techniques and improved system reliability across multiple client projects.**TECHNICAL SKILLS**

| **Languages** | **JavaScript (ES6+), TypeScript, Python, Solidity, HTML5, CSS3, PHP** |
| --- | --- |
| **Frontend** | React.js, React Native, Next.js, Redux, Tailwind CSS, Typescript |
| **Backend** | Flask, PHP, CodeIgnitor, python |
| **Database** | MySQL, PostgreSQL, Supabase Realtime Database |
| **Blockchain** | Solidity, Web3.js, Ethers.js, Hardhat, Avalanche |
| **DevOps** | Git, GitHub, CI/CD, Docker, Netlify, Vercel, cPanel deployment |
| **Testing** | Jest, React Testing Library |

**PROFESSIONAL EXPERIENCE**

**Freelance Full-Stack & Mobile Developer**  
*Remote | August 2024 - Present*

* Managing 3-4 concurrent client projects with consistent delivery.
* Built and deployed 2 production applications for small businesses.
* Implemented performance optimizations improving load times by 40-50%.
* Developed responsive web applications with modern UI/UX practices.

**Independent Contractor – SaifyPOS**  
Nairobi, Kenya | May 2025 – June 2025

* Diagnosed and resolved 5+ critical bugs across legacy school management systems, significantly improving stability and day-to-day functionality.
* Developed new features and dynamic website components based on client requirements.
* Improved system stability through code optimization and bug fixes.
* Worked independently with minimal supervision, delivering solutions on tight deadlines.

**Software Engineering Intern | Koduor and Company Ltd**  
*Nairobi, Kenya | March 2025 - May 2025*

* Contributed to development of freelancer mobile application used by 10+ professionals
* Contributed to ERP system handling operations for 3 major departments
* Implemented components for internal ticketing system with 95% reliability

**Software Engineering Intern | CyberTap**  
*Nairobi, Kenya | November 2024 - January 2025*

* Built secure authentication system reducing security incidents by 95%
* Developed APIs serving 50+ daily requests with 99.9% uptime
* Created automated testing suite increasing coverage from 60% to 90%

**Frontend Developer | Eco Eats**  
*Thika, Kenya | April 2024 - October 2024*

* Engineered analytics dashboard improving data analysis efficiency by 30%
* Led UI/UX redesign increasing customer satisfaction by 15%
* Helped reduce application load times by 20% through API integration
* Created component library reducing development time by 35%

**NOTABLE PROJECTS**

**Ace of Fades business Platform | Lead Developer**  
*React.js, Google Maps API, Tailwind CSS*

* Architected responsive portfolio platform with interactive map
* Created optimized codebase achieving 97/100 Google PageSpeed score
* Delivered 10 days ahead of schedule with zero critical bugs

**Food Delivery Management System | Team Lead-(In Progress)**  
*React , TypeScript, Flask, PostgreSQL*

* Leading 4-developer team building comprehensive food ordering platform
* Designing microservice architecture for 100+ concurrent orders
* In process of Implementing real-time GPS tracking with 97% accuracy
* Developing vendor portal and inventory management using PHP with cPanel deployment
* Creating secure payment processing supporting 5+ payment methods which are still in progress

**Enterprise Ticketing Application | Technical Lead**  
*React.js, TypeScript, Flask, MySQL*

* Built scalable system processing 800+ daily tickets with 99.99% uptime
* Engineered dashboard reducing ticket resolution time by 40%
* Developed reporting features generating 10+ automated reports
* Created comprehensive reporting for business intelligence

**Decentralized finance saving and tracking Platform | Team Lead & Full-stack Developer-(In Progress)**  
*React, Solidity, Web3.js, Hardhat*

* Leading 3-developer team building blockchain finance aimed to be used by 15,000+ users
* Implementing smart contracts handling 50+ test transactions
* Implementing verifiable random function for transparent winner selection
* Aiming to Reduce gas costs by 25% through optimization techniques

**Decentralized Lottery Platform | Team Lead & Full-stack Developer**  
*React, Solidity, Web3.js, Hardhat* | [GitHub Link](https://github.com/JBcollo1/decentra-lottery)

* Led 6-developer team building blockchain lottery used by 40+ users during testing
* Achieved 97% uptime handling 100+ concurrent users
* Implemented verifiable random function for transparent winner selection

**Smart Contract Development | Solo Developer**  
*Solidity, Hardhat, Avalanche* | [GitHub Link](https://github.com/JBcollo1/avalanche-contracts)

* Deployed production-ready smart contracts on Avalanche blockchain
* Implemented gas optimization reducing transaction costs by 40%

**Hostel Discoveries | Full-stack Developer**  
*React, Flask, MySQL, JWT* | [GitHub Link](https://github.com/JBcollo1/hostel-discover)

* Built platform for student accommodation with 10+ monthly active users
* Implemented authentication with role-based access control
* Used PHP components deployed on cPanel for administrative functions

**EDUCATION**

**Moringa School Bootcamp | Software Engineering**  
*Nairobi, Kenya | Completed November 2024*

* Top 3% of class with perfect assignment completion
* Selected as peer mentor for 2 consecutive cohorts

**Harvard University – CS50x**  
*Online | Completed July 2024*

* Perfect score on final project implementing distributed systems concepts

**Python Institute**  
*Advanced Python Programming | Completed May 2024*

* Mastered advanced Python concepts including metaclasses and descriptors

**PROFESSIONAL DEVELOPMENT**

* PHP Advanced Development & cPanelDeployment - Udemy (2024)
* AWS Certified Developer Associate
* Avalanche Fundamentals Certification

**ADDITIONAL INFORMATION**

* **Open Source:** Contributed to 2+ projects with 20+ accepted pull requests