**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**

High-impact full-stack developer with expertise in blockchain technologies and modern JavaScript frameworks. Delivered enterprise-grade applications serving 15,000+ users across multiple platforms. Reduced system latency by 60% and implemented cutting-edge security protocols. Transforms complex requirements into scalable solutions with exceptional team leadership.

**TECHNICAL SKILLS**

| **Languages** | **JavaScript (ES6+), TypeScript, Python, Solidity, HTML5, CSS3, PHP** |
| --- | --- |
| **Frontend** | React.js, React Native, Next.js, Redux, Material UI, Tailwind CSS |
| **Backend** | Flask, Node.js, Express.js, Firebase, AWS Lambda, **PHP** |
| **Database** | MySQL, PostgreSQL, MongoDB, Supabase Realtime Database |
| **Blockchain** | Solidity, Web3.js, Ethers.js, Hardhat, Truffle, The Graph, Avalanche |
| **DevOps** | Git, GitHub, CI/CD, Docker, Netlify, Vercel, **cPanel deployment** |
| **Testing** | Jest, React Testing Library, Cypress, Mocha, Chai |

**PROFESSIONAL EXPERIENCE**

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

* Managing 6+ concurrent client projects with 100% on-time delivery
* Built and deployed 2 production-ready applications generating revenue
* **Highlight:** Implemented optimizations resulting in 65% faster load times
* Developed cross-platform solutions with consistent user experience
* Maintaining 4.9/5 client satisfaction with 90% returning clients

**Independent Contractor – SaifyPOS**  
Nairobi, Kenya | May 2024 – July 2024

* Debugged existing school management systems, resolving critical issues affecting daily operations.
* Developed new internal systems and dynamic websites tailored to client specifications.
* Delivered improvements that increased system stability and usability across educational platforms.
* Operated independently with minimal supervision, demonstrating strong problem-solving and initiative.

**Software Engineering Intern | Koduor and Company Ltd**  
*Nairobi, Kenya | May 2024 - August 2024*

* Helped develop freelancer mobile application used by 10+ professionals
* Contributed to ERP system handling operations for 3 major departments
* Implemented components for internal ticketing system with 99.5% reliability

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

* Built secure authentication system reducing security incidents by 95%
* Developed APIs serving 500+ 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%
* **Highlight:** Reduced application load times by 20% through API integration
* Created component library reducing development time by 35%

**NOTABLE PROJECTS**

**LumeLink Portfolio Platform | Lead Developer**  
*React.js, Next.js, Google Maps API, Tailwind CSS*

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

**Food Delivery Management System | Team Lead-in progress**  
*React Native, TypeScript, Node.js, PostgreSQL, PHP*

* Leading 4-developer team building comprehensive food ordering platform
* Designing microservice architecture for 1,000+ concurrent orders
* Implementing real-time GPS tracking with 99.8% accuracy
* **Developing vendor portal and inventory management using PHP with cPanel deployment**
* Creating secure payment processing supporting 5+ payment methods

**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%
* Implemented real-time notifications via WebSockets
* Created comprehensive reporting for business intelligence

**Decentralized finance saving and tracking 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 15,000+ users
* **Highlight:** Achieved 99.9% uptime handling 10,000+ concurrent users
* Implemented verifiable random function for transparent winner selection

**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 15,000+ users
* **Highlight:** Achieved 99.9% uptime handling 10,000+ 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, PHP* | [GitHub Link](https://github.com/JBcollo1/hostel-discover)

* Built platform for student accommodation with 3,000+ 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
* **Highlight:** Won "Most Innovative Project" award for fullstack work

**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 & cPanel Deployment** - Udemy (2024)
* AWS Certified Developer Associate
* Avalanche Fundamentals Certification

**ADDITIONAL INFORMATION**

* **Open Source:** Contributed to 5+ projects with 20+ accepted pull requests