－

**BOLATAN ADIGUN IBRAHIM**

**SENIOR SOFTWARE ENGINEER**

I am a resourceful engineer with over eight years of experience leading globally distributed teams and developing robust Applications for top-notch Organizations. I designed and Implemented a real-time pipeline to process semi-structured data by integrating one billion+ raw documents from various data sources using Kinesis, Spark, and Elasticsearch. I improved the Elephant Healthcare Backend Server by 55%. An effective communicator, enthusiastic team player, and creative thinker.

**Personal Info**

+2347066300068 [ehbraheem@gmail.com](mailto:ehbraheem@gmail.com)

<https://github.com/ehbraheem> <https://linkedin.com/in/ehbraheem>

**Experience**

**Consultant Lead Software Engineer**

**ANKA**

**August 2021 – Present**

**As the Lead Engineer at ANKA, I am responsible for coordinating the engineers, working closely with team leads from other departments, and contributing to our flagship product's improvement.**

**Team size:** 12

**Primary technologies:** Python, Ruby, PostgreSQL, JavaScript, Redis, Kafka, Docker, Python, ElasticSearch, and AWS (EC2, ECS, and RDS)**.**

* Led a complete overhaul of the payment platform for the ANKA flagship SaaS product, resulting in a 25% increase in customer satisfaction and a 15% increase in sales in the first six months.
* Spearhead the development of a debt management project for the ANKA flagship SaaS product, resulting in a 20% increase in revenue in the first four months.
* Identified process improvement opportunities to increase platform stability and realize operational efficiencies.
* I am working closely with the global service team and customers with technical guides and directions for each phase of analysis, design, and development of customer-specific requirements and issues in the products.
* Managed a team of developers responsible for delivering various solutions and improvements for the business community.

**Senior/Lead Software Engineer**

**Andela/IZEA**

**August 2020 – September 2021**

**As the Team Leads on an engagement with IZEA, I am responsible for coordinating and leading my fellow Andela teammates.**

**Team size:** 12

**Primary technologies:** Python, Ruby, PostgreSQL, JavaScript, NodeJS, Redis, Kafka, Docker, Python, Spark, and AWS (Lambda, S3, EC2, EMR, ECS, RDS, ElasticSearch,  SQS, Athena, and Dynamo)**.**

* I upgraded IZEA's core data and analytics system to eliminate noise and polluted data. It reduces operations cost by 7%.
* Coordinated and ensured fellow Andela team members were quickly onboard on the IZEA’s system.
* Spearhead the implementation of stream-based pipelines on the IZEA data analytics platform to help marketers make efficient and reasonable decisions based on real-time data.
* I participated in the adoption of machine learning for accurately matching creators to marketers based on the marketers' targeted audience and demographics.
* I participated in reviewing resumes and evaluating new hires to find the most talented professionals to join the Andela team at IZEA.
* I communicate regularly with the IZEA and Andela stakeholders on expectations and deliverables.
* Collaborated in the revamp of the Izea Creator profile initiatives: A reimagined experience to showcase a Creator’s content, demographics, analytics, and more to make it easier for Marketers to find their perfect Creator on the flagship SAAS product. It improves the renewal rate by 40%.

**Senior Software Engineer**

**Craft Turf.**

**April 2019 – August 2020**

**As the Tech Lead, I oversaw the development and enhancement of all technology systems and integrating new systems with existing ones.**

**Team size:** 11

**Primary technologies:** Python, Ruby, ReactJS, PostgreSQL, MongoDB, JavaScript,  NodeJS, RSpec, Redis, Selenium, Kafka, Docker, AWS, and TypeScript**.**

* Created and maintained optimal data pipeline architecture.
* I assembled large, complex datasets to meet functional and non-functional business requirements.
* Implemented and drove the adoption of Craft Turf SDLC processes and global engineering best practices.
* Improved system response time of Elephant Healthcare Backend System by ~20% by using MongoDB query explainer to identify long-running DB queries and address them by either rewriting or adding indexes to the appropriate collections.
* Streamlined the manual testing process by designing and implementing a proprietary platform for reporting, fixing, and verifying bugs, resulting in a 27% efficiency increase

**Co-founder and CTO**

**DecaTech Services (Hi-Tech Guru).**

**June 2017 – August 2020**

**My day-to-day involves fleshing out requirement specifications for simple to medium-complexity partner applications. Ensuring applications built are of excellent quality by following industry best practices.**

**Team size:** 5

**Primary technologies:** Python, Ruby, ReactJS, PostgreSQL, MongoDB, Cucumber, JavaScript, NodeJS, RSpec, Redis, Selenium, Kafka, GCP, AWS, and Docker**.**

* Actively managed, improved, and monitor customers’ cloud infrastructure on Google Cloud Platform, Amazon Web Services, and Azure.
* Built applications that leverage technologies like Docker, Kubernetes, React and Microservices to increase scalability and minimize customers’ application deployment costs by 85%.
* I enhanced the security of customers’ applications by implementing the principle of least privilege through role-based authentication and authorization.
* Provide strong leadership and effective interdepartmental communication to meet or exceed all project timelines and budgetary goals effectively.
* I focused primarily on developing tools for knowledge management, workflow, document & content management, search, and web-based collaboration.
* Ensured applications built are of excellent quality by applying Test Driven Development and Behavior Driven Design to minimize the cost of bugs and ensure a higher quality release.
* As a senior technical architect, I consulted directly with clients to design and implement new technologies.
* I coordinated with product managers and development teams to implement new features and product extensions.

**Volunteer Learning Facilitator**

**Andela Learning Community (ALC).**

**March 2017 – Present**

* Provides necessary technical support on challenges experienced concerning learning software development
* I encouraged and enforced industry best practices among learners
* , mentors, fellow facilitators, and students.
* Organize Meetups to encourage and support participants.
* I follow up on project submissions and completion of course contents.

**Senior Programmer**

**Fertile Tech Business System (FTBS).**

**April 2016 - May 2017**

**Team size:** 8

**Primary technologies:** Python, Ruby, Java, PostgreSQL, MongoDB, Cucumber, JavaScript, NodeJS, RSpec, GCP, and TypeScript**.**

* I spearheaded teams that handled the software development life cycle for multiple client projects, end to end.
* Participated in converting a WordPress-based solution to a more engaging and user-friendly ReactJS application that helped increase customers’ checkout by 25%.
* Led the drive to implement the Principle of Least Privilege across 100% of software development staff.
* I assumed the role of Scrum master on multiple occasions. I organize weekly standups and client-developer re-orientation meetings.
* Supported and Mentored Junior developers on the technical challenges faced in performing their daily tasks.

**Software Engineer**

**TOMSAN Computers.**

**February 2014 - March 2016**

* Planned, developed, tested, deployed, and maintained web applications.
* I provided effective troubleshooting and remediation for web applications.
* I worked well independently and within a team setting.
* I followed policies and procedures related to application methods and quality standards.

**Projects**

**Open Source Contributions**

**Vercel Inc.**

**January 2019 – October 2020**

* Created a builder to help make Ruby functions work on the Now platform. https://npmjs.com/package/ruby-builder.
* Created a builder to help make Rack-based applications like Sinatra and Ruby on Rails work on the Now platform. <https://npmjs.com/package/rack-builder>.

**Accomplishments**

* **Google**

IT Support Professional Certificate, 2018.

* **Google Developers.**

Associate Android Developer, 2018

* **John Hopkins University.**

Ruby on Rails Web Development, 2018

* **The Hong Kong University of Science and Technology – Coursera.**

Full Stack Web Development Specialization, 2017

* **University of Michigan – Coursera.**

Python for Everybody Specialization, 2016

**Education**

* **Bachelor of Science in Computer Science**

The University of London. London, United Kingdom (October 2019 – Expected Graduation November 2022)

#### ****Skills****

* Solid knowledge of project management methodology and use of Project Management tools
* Expertise in building robust and scalable web applications using Python, NodeJS, Ruby, and ReactJS.
* Adept at creating and managing containerization/orchestration systems using tools like Docker, Kubernetes, and Docker Swarm.
* Good grasp on using Cloud Providers like Google Cloud Platform (GCP), Amazon Web Services (AWS), Microsoft Azure, and Heroku.
* Practice current trends in software development like Microservices, Test Driven Development (TDD), Behavior Driven Development (BDD), DevOps, Infrastructure as Code, Continuous Integration, and Continuous Delivery.
* I am skilled in teamwork, leadership, and a creative thinker.
* Good grasp of Version Control systems like Git.