Adelanwa Akeem Adeniji

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Professional Experience

Senior Software Engineer

Unlock Inc, New York, NY 12/18 - Current

Senior software engineer working with the Ethereum blockchain and emerging technology to bring an open source blockchain content monetization solution to market.

- Design and Implementation of Service Layer in support of Unlock's first party applications, data associated with Unlock's Non-fungible Tokens, and token purchase delegation.

- Created Initial Developer Documentation Strategy, making the protocol accessible to developers looking to monetize their creations

- Worked with partners in industry (Linkdrop, OpenSea, and Scout) bringing new features to market; increasing project adoption and recognition.

- Smart Contract in support of 2019 ETHWaterloo Hackathon refund use case, securely providing all present attendees with funds for participation.

Partner Engineer

Facebook, New York, NY 08/16 - 12/18

External facing engineer, working with internal engineers and the engineering groups of strategic media partners to launch and scale new products and initiatives.

- Facebook News Subscriptions - Launch with US News publishers, building ecosystem with third party platforms to scale adoption.

- Breaking News API - The API allows a global set of publisher use the features from their existing tools.

- Instant Articles - Scaling adoption via open source and initiatives with ecosystem publishing partners.

- Cross Platform Insight API - Collaborated with select group of publishers on an alpha API providing readership insights across multiple surfaces.

Senior Software Engineer (Analytics)

Contently, New York, NY 02/15 - 08/16

Worked across the technical platform: Data Integration, Analytics, API, Data Pipeline, and Platform. Providing customers with content performance insights and improving the content creation process.

- Co-designed & implemented Contently's Distribution Data Integration; providing customers with actionable metrics to inform content production.

- Lead Developer of Platform's Pitch Creation and Solicitation functionality.

• Implementation of Conversion/Attribution metrics for analytics product.

Senior Software Engineer (Data Engineering)
Harry's, New York, NY 02/14 - 12/14

Making data available to the company (marketing, operations, finance, and customer service); empowering analysis and business decisions. The team was also tasked with reliably delivering marketing and customer lifecycle emails; allowing for experimentation in the process.

• Design and implementation of data warehouse sink, aggregating data sources into the Postgres backed data warehouse; migration of existing data from Heroku's Postgres to Amazon's RDS as part of the roll out.

• Mail Service API design & initial implementation. Serving as a basis for a self service email platform, enabling split testing and email performance tracking.

• Increased system visibility via operational metrics dashboard and automated status emails for reoccurring jobs.

Software Developer
Paperless Post, New York, NY 03/13 - 02/14

Designing new system components with team members, refactoring and rewriting of legacy code, code review, bug fixes, and performance improvements.

• Refactor and redesign of pricing components & site discounts: allowing for consistent behavior, improved tracking for accounting

Lead Developer (Food & Wine)
American Express Publishing, New York, NY 12/11 - 03/13

In charge of the design and implementation of new software projects, bug fix and feature estimations, coordination of existing system maintenance, and the guidance of junior software developers.

• Designed & implemented an in house Community Platform for Food & Wine using Ruby, Javascript, and MongoDB. (Migration of third party data from external vendor)This project brought existing community data in house from a third party vendor, supports a very active community of users, and establishes the building blocks for the brand to provide personalization in the near future.

• As part of an initiative to migrate Cold Fusion applications to Ruby, designed and implemented several internal Ruby based CMS tools using either CouchDB or MongoDB for persistence concerns.

• OAuth2 proxy middleware for extending authentication to existing services.

• Established instrumentation practices for better monitoring & faster resolution of production issues.

Software Developer
American Physical Society, Ridge, NY 02/10 - 12/11

Automation of journal post publication process and building tools to empower the support staff.

- Designed a Ruby based AMQP Agent Framework to reliably automate the journal post publication process. The implementation of the process increased the productivity of the support staff and add repeatability to the process.

- Implementation of article life cycle activity streams and event monitoring dashboard utilizing Backbone.js, MongoDB, and Ruby RESTful service layer

- Implemented automation of validation and delivery of subscription emails to thousands of journal subscribers utilizing Ruby, Backbone.js, RabbitMQ, and Sendgrid's API.

- Implemented PDF conversion process adding OCR text layer and metadata to 250,000 historical article. The corresponding validation of process was implemented using a combination of Hadoop Streaming jobs, custom Ruby scripts, Jhove, and PDFtk.

Technical Analyst
Sakonnet Technology, New York, NY 09/07 - 04/09

Technical and Business support for custom Energy Trade and Risk Management (ETRM) software.

Software Support Engineer Level II
Motorola EMB (formally Symbol Technologies), Holtsville, NY 06/06 — 09/07

Support of SDK packages for Motorola's Enterprise Mobility Devices running Windows Mobile

Technical Support Engineer
Aladdin Knowledge Systems, New York, NY - 04/05 - 06/06

Education

Bachelors of Science, Computer Science — 2004 State University of New York at Stony Brook

Continuing Education

Machine Learning, Stanford University Coursera Course - March 2016
Executive Data Science, Johns Hopkins Coursera Specialization - May 2016
Google Sandbox Machine Learning Lab - September 2017

Typescript,JavaScript, Hack. Ruby, MongoDB, Redis, Java, C, XML Object Oriented Design, Test Driven Development, SQL, PostgreSQL, RabbitMQ, AMQP, Hadoop, Backbone, CouchDB, Protocol Buffers, Elasticsearch, Spark, Python, AWS, Redshift, GraphQL, Ethereum

References
Available upon request.