**Kevin Okinedo Software Engineer**

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**OVERVIEW**

Experienced Software Engineer adept in all stages of advanced web and application development. Knowledgeable in user interface, testing, and debugging process. Bringing forth expertise in design, installation, testing, and maintenance of web systems/applications. Equipped with a diverse skill-set and an expert in technologies such as MongoDB, Django, Express.js, React.js, Angular, Spring Boot, .NET Core, Node.js and more. Able to effectively self-mange during independent projects, as well as collaborate in a team setting.

**WORK EXPERIENCE**

**Splunk Inc. May 2023 – Now**

*Senior Software Engineer San Francisco, CA*

* Revamped the user interface of the Anomaly application using Svelte/SvelteKit and TypeScript, delivering a modern, responsive design and significantly improving usability and visual appeal..
* Led the development of a confidential AI-driven project, leveraging LangChain and LlamaIndex for knowledge management while designing and implementing a robust FastAPI backend.
* Integrated MLflow into the CI/CD pipeline to streamline model tracking and experimentation, reducing deployment errors by 25% and enabling consistent automated validations.
* Developed advanced machine learning workflows using OpenAI, HuggingFace APIs, and Azure Cognitive Services, improving model efficiency by 30% and boosting prediction accuracy by 15%.
* Designed and deployed a scalable FastAPI backend architecture with MongoDB and Qdrant, ensuring seamless handling of over 10,000 concurrent queries with an average response time under 50ms.
* Implemented a real-time data processing pipeline leveraging AWS Lambda, S3, and Bedrock, enabling instant analysis of high-frequency events and facilitating predictive system monitoring.
* Conducted detailed code reviews and mentored junior developers on best practices with Python, Terraform, and containerized deployments, promoting a culture of excellence and continuous improvement.
* Spearheaded the migration to a Kubernetes-based microservices architecture, utilizing AWS EKS and Terraform, which reduced infrastructure costs by 40% and improved system reliability by 50%.
* Developed and optimized a dynamic REST and GraphQL API layer, enabling real-time integrations with external systems and enhancing application scalability.

**Microsoft Inc. Aug 2021 – May 2023**

*Software Engineer II Atlanta, GA*

* Lead a large development team to create software and applications to streamline and enhance user experience across various Microsoft products.
* Tested, coded, reviewed, and delivered software with 100% on-time record and according to service level objectives.
* Implemented the ETL process to migrate legacy data to SQL database using Java.
* Overhauled continuous integration (CI) and continuous delivery (CD) pipeline which has increased code delivery speed by 7%
* Maintained and improved Search Algorithm - to be used internally to Search Automation Jobs using keyword Based Algorithms - natural language parsing.
* Developed .NET code for publishing and consuming messages using RabbitMQ.
* Advised and evaluated data retention and governance using Azure.
* Implemented Python-based ETL: Streamlined data migration by leveraging Python's versatility, libraries, and ease of use; improved data quality, efficiency, and integration with other Microsoft products.

**Asset-Map Inc. Jan 2020 – Jul 2021**

*Software Engineer II Philadelphia, PA*

* Added term exclusion and field search query filters using Node.js and Elasticsearch to help users refine searches.
* Implemented a feature in React that notifies users of invalid website URLS, reducing support tasks by 25%.
* Developed a feature Python that allows users to configure financial simulations on the fly, optimizing workflow time.
* Successfully led the migration of infrastructure from GCP to AWS, utilizing Golang to build efficient microservices in Kubernetes and Aurora.
* Created Golang-powered financial simulation configurations, allowing users to perform real-time optimizations and improving overall workflow efficiency.
* Developed automation scripts using Golang, Powershell, and Java to optimize processes and automate tasks, streamlining operations.

**Kined Systems Inc. Mar 2017 – Nov 2019**

*Software Engineer Hazlet, NJ*

* Developed and maintained Golang-based full-stack web applications for data analysis and processing for diverse clients.
* Ensured applications security and ability to interact with multiple APIs and databases using Java.
* Designed and implemented a knowledge management platform based on a knowledge graph, employing Golang, Ruby on Rails, Typescript, GraphQL, and Mobx.
* Ensured applications security and ability to interact with multiple APIs and databases using Java.
* Created a standalone data extraction "agent" using Golang and developed key features for a security product.
* Implemented a cutting-edge, event-driven architecture using Spring Boot microservices and Kafka, significantly enhancing system scalability and enabling seamless handling of millions of transactions per day.

**McKinsey & Company Inc. Apr 2015 – Feb 2017**

*Full Stack Developer Atlanta, GA*

* Identified web-based user interactions and developed highly responsive user interface components via React concepts.
* Attended daily Scrum meetings, kept-up-to-date on best practices for JavaScript frameworks and techniques.
* Implemented new features for internal applications using React, Angular, JavaScript, Node.js, Python, Spring Boot, Ruby on Rails, and Django.
* Worked with micro-services team on RESTFUL API designs - assist with future scripted API’s and websocket investigations.
* Improved employees' learning experience through analyzing and implementing the appropriate options available for department/employee-based software.
* Monitored and improved front-end performance by 15% and documented application changes.
* Built REST Web Service in C# and Java using Layer pattern.

**EDUCATION**

**University of North Georgia Aug 2019 – May 2021**

*BS, Computer Science Dahlonega, GA*

* Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Computer Architecture; Engineering Entrepreneurship; Discrete Mathematics

**PROJECTS**

**Cryptocurrency Price Tracker**

* Built and designed an interactive React Front end that utilizes Coingecko’s API, alongside Axios and React Hooks such as useEffect and useState.

**Chat App**

* Created a React Chat App, which utilizes Sockets, Rest APIs, Reach Hooks and Props. It features online statuses, image support, multiple rooms and much more. The back end is hosted by chatengine.io

**Alphabet Quiz**

* AI-powered app for learning and practicing the alphabet through image recognition. Uses Flask, TensorFlow, and numpy to create an engaging and interactive experience.

**LANGUAGES AND TECHNOLOGIES**

HTML, CSS, Javascript(ES6/ES7), Angular, React, React-Router, Redux, Node.js, C#, Golang, GraphQL, Express, MongoDB, Mongoose, NPM, Python, Django, SASS/LESS, JSON, XML, SQL, Powershell, VBScript, Java, Bootstrap, RabbitMQ, AWS, GCP, Azure, AJAX, jQuery, Axios, Passport.js, Docker, Mobx, Jest, Kubernetes, Mocha, Webpack, Aurora, Docker, Gulp, Babel, Flask, TensorFlow, Numpy, REST API Design, Kafka, PyTorch, TensorFlow, Llamaindex, Adobe Photoshop & InDesign, Tableau, Github, Git, Agile Methodology, Jira,TDD, CloudFormation, MacOS X, Linux, Windows, Back-End, Front-End, NoSQL, Tuning, Scalability, Microservices, Web Applications, Continuous Development,